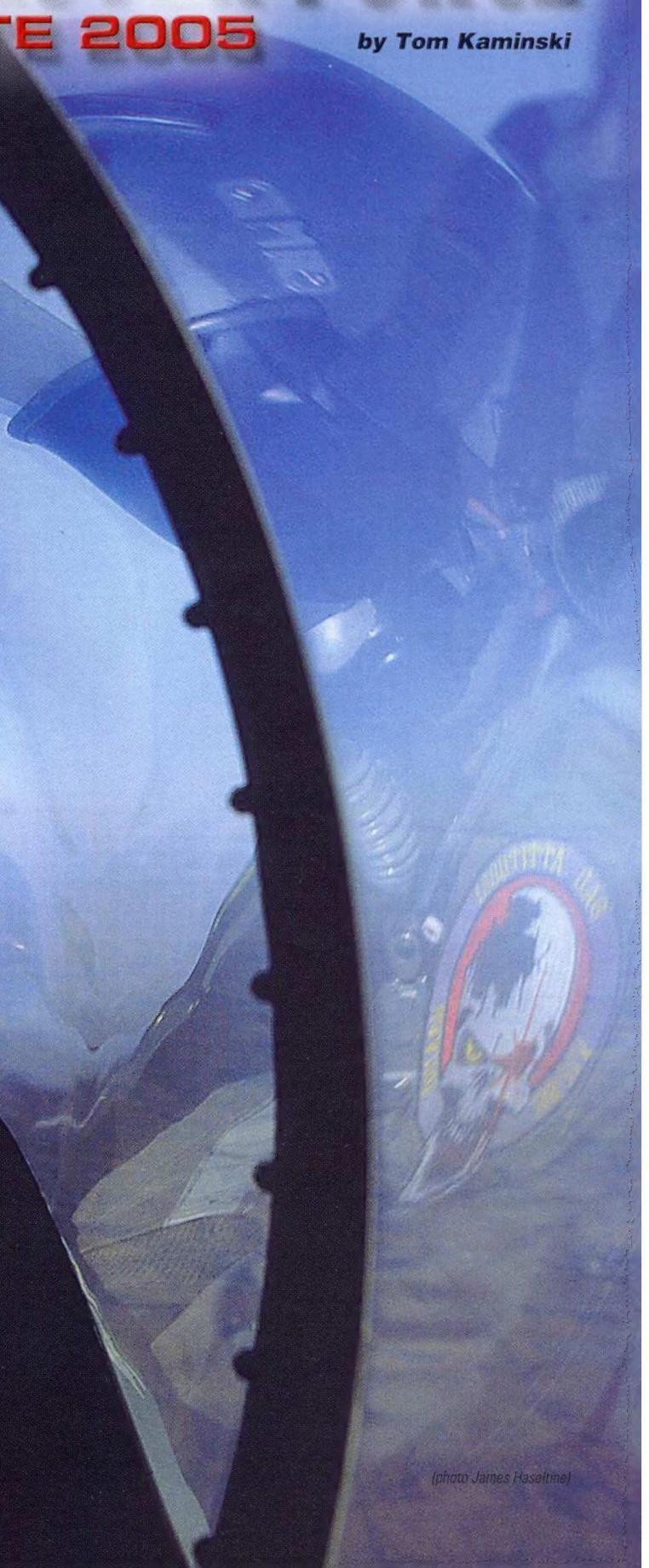


UNITED STATES AIR FORCE

AIRPOWER UPDATE 2005

by Tom Kaminski



(photo James Haseltine)



INTRODUCTION

An aging fleet, impending base closures and reductions in manpower, and the continued need to support combat and contingency operations worldwide are some of the daunting tasks faced by the leaders of the US Air Force (USAF) as the service continues with its latest transformation. The air arm, which had previously maintained a threat-based, forward-deployed force, has become a capabilities-based organization that is primarily based in the continental United States (CONUS). Forward deployed commands in Europe and the Pacific are currently undergoing another reorganization that will allow the service to be better positioned to respond to changing threats and world events and support the Unified Combatant Commands.

The most recent service-wide change has seen the creation of the so-called 'Combat Wing' organization, which established Operations, Maintenance, Mission Support and Medical Groups within each wing. Created to support expeditionary taskings, the Mission Support Group assumed duties that had previously been assigned to separate Support and Logistics Readiness Groups. Among the organizations belonging to the group are Civil Engineering, Communications, Logistics Readiness, and Security Forces Squadrons. Similarly the new Maintenance Groups (MXG) are now responsible for Aircraft (AMS), Component (CMS) and Equipment Maintenance Squadrons (EMS).

In support of its transformation efforts, the USAF recently announced several initiatives that will allow better leverage of its

above: An F/A-22A Raptor on the strength of the 53rd Wing.
(Ted Carlson/Fotodynamics)

capabilities. These include expansion of the blended wing concepts and its active and reserve associate programs. Initially, the service released plans to consolidate its active and reserve forces at Hill AFB, UT, and may create a blended wing or an Air National Guard (ANG) associate organization at Langley AFB, VA, where personnel assigned to active duty and the Virginia ANG will jointly operate and maintain the F/A-22A Raptor. In addition, newly trained USAF maintainers are being assigned to the Vermont ANG where they will receive additional training from the guard's highly-skilled technicians. The service has also decided to deploy MQ-1 Predators with as many as 15 squadrons over the next several years. Air National Guard units will be in the forefront of this plan and the multi-mission Predator will initially be assigned to squadrons in Arizona, Texas and New York. Over the past year the USAF has made no secret of its need to reduce the number of aircraft in its inventory, and it is highly likely that the decision to deliver UAVs to the ANG will coincide with reductions in its fighter fleet.

Procurement plans

The Fiscal Year appropriation 2005 saw an increase in the number of aircraft ordered by the USAF over the previous year. In fact, the total number of manned aircraft is up from 91 to 103, whereas unmanned air vehicle (UAV) purchases were reduced slightly from 19 to 16. Joint STARS procurement ended in 2003



above: The USAF's HH-60G Pave Hawk combat search and rescue helicopters have seen a lot of action in recent times.

(James Haseltine)

Osprey test fleets have allowed the USAF to increase its orders and five CV-22Bs were purchased between 2004 and 2005.

While the USAF continues to wrestle with the F/A-22A's per unit cost and the optimum size of its fleet, production levels will reach their maximum levels as a result of the purchase of 24 examples in FY05 — an increase of two over the prior year. The aircraft will reach the first operational unit in May when the initial delivery is made to Langley AFB.

Trainer purchases increased over both of the past years and Raytheon T-6As are now in service with nearly half of the primary training squadrons within Air Education & Training Command (AETC). In addition, the purchase of new aircraft for the Civil Air Patrol (CAP) continues at a constant pace with 27 ordered in the past two years.

UAV purchases remain relatively stable and ACC will receive a total of four long- and 12 medium-range reconnaissance and multi-mission air vehicles.

USAF PROCUREMENT 2005

Type	Quantity	Procurement (\$m)
Combat/Reconnaissance		
F/A-22A	24	4,053.2
MQ/RQ-1L	12	173.9
RQ-4A	4	334.6
Training		
T-6A	53	302.4
Transport		
C-17A	15	3,143.8
C-130J	11	890.6
CV-22B	3	315.9*
Miscellaneous		
Civil Air Patrol	27	2.2

*Includes only aircraft procurement. An additional \$125.5m covers the modifications associated with the special operations mission package.

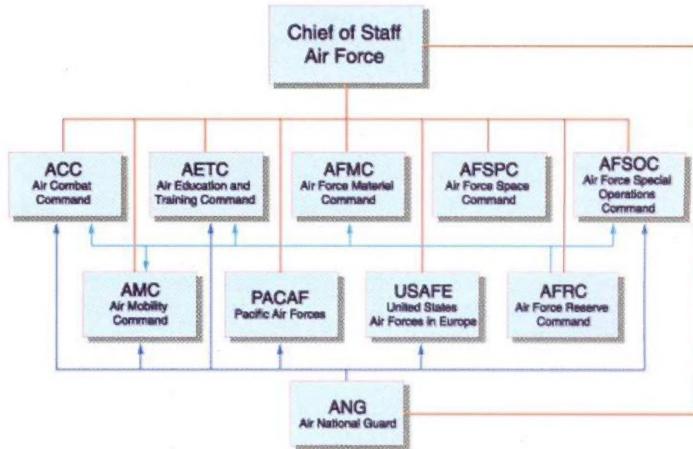
Force Deployment

The continued success of the Expeditionary Aerospace Force (EAF) has allowed the USAF to stabilize its deployment cycle, generally providing its personnel with advance knowledge of their next rotation. Effective with Cycle 5, which began on September 1, 2004 and runs through April 30, 2006, each Air Expeditionary Force (AEF) cycle now lasts 20 months. Ten AEFs, which are assigned in pairs for a 120-day alert period, support the rotation. While these units are 'on call', the remaining eight AEFs are conducting normal training or are undergoing their deployment spin-up as part of a tiered readiness schedule. Composed of geographically separated active duty, Air National Guard and Air Force Reserve Command (AFRC) units, each of the 10 AEFs includes approximately 175 aircraft and 17,500 personnel. The structure includes fighters,

bombers, air refueling and airlift aircraft as well as combat rescue, command and control (C2), and intelligence, surveillance and reconnaissance (ISR) assets. Like their counterparts in the US Navy and Marine Corps, which have made scheduled rotational deployments for decades, most of the USAF's fighter and bomber squadrons now undertake regular deployments as part of an AEF. There are, however, a few exceptions including those squadrons tasked with defending the Korean Peninsula. Units from the ANG and AFRC currently comprise about 20% of the total AEF package.

Created by the National Security Act of 1947, the USAF was formally established on September 18, 1947. Previously a compo-

USAF Command Structure



nent of the US Army, it had been known as the US Army Air Force. The USAF's senior commander is the Air Force Chief of Staff. Appointed by the President, the Chief of Staff is one of five members of the Joint Chiefs of Staff and serves as an advisor to the President, the National Security Council (NSC), the Secretary of Defense and the Secretary of the Air Force.

Today, the USAF's organizational structure includes nine Major Commands (MACOM), each of which reports to the Secretary of the Air Force via the Air Force Chief of Staff. Those MACOMs located within the CONUS are organized on a functional basis, whereas those outside CONUS or OCONUS are organized on a geographical basis. Individually, the command structure of the MACOMs may include numbered air forces (NAF), wings, groups, squadrons and flights.

below: Taking on fuel here is an E-3B Sentry from the 965th AACs at Tinker AFB. (Ted Carlson/Fotodynamics)





- Air Combat Command (ACC)
- Air Education and Training Command (AETC)
- Air Force Materiel Command (AFMC)
- Air Force Space Command (AFSPC)
- Air Force Special Operations Command (AFSOC)
- Air Mobility Command (AMC)
- Pacific Air Forces (PACAF)
- United States Air Forces Europe (USAFE)
- Air Force Reserve Command (AFRC)

Besides reporting to the Chief of Staff, several of these commands are 'dual-hatted' and report operationally to a specific Unified Combatant Command. Organized either functionally by task or geographically, these joint commands are composed of forces from two or more services, and are assigned a continuing mission. The Combatant Commanders report directly to the Secretary of Defense and the President.

- US Central Command (CENTCOM)
- US European Command (EUCOM)
- US Joint Forces Command (JFCOM)
- US Northern Command (NORTHCOM)
- US Pacific Command (PACOM)
- US Southern Command (SOUTHCOM)
- US Special Operation Command (SOCOM)
- US Strategic Command (STRATCOM)
- US Transportation Command (TRANSCOM)

The USAF command structure also includes 35 Field Operating Agencies (FOA), which report to specific functional managers within USAF headquarters in Washington DC. These organizations include the Air Force Flight Standards Agency (AFFSA), the Air Force Operational Test and Evaluation Center (AFOTEC), and the Air National Guard (ANG). The latter reports to the Chief of Staff via the Chief of the National Guard Bureau. The US Air Force Academy (USAFA) is considered a direct reporting unit (DRU) and like the MACOMs reports directly to the Chief of Staff.

AIR FORCE FLIGHT STANDARDS AGENCY (AFFSA)

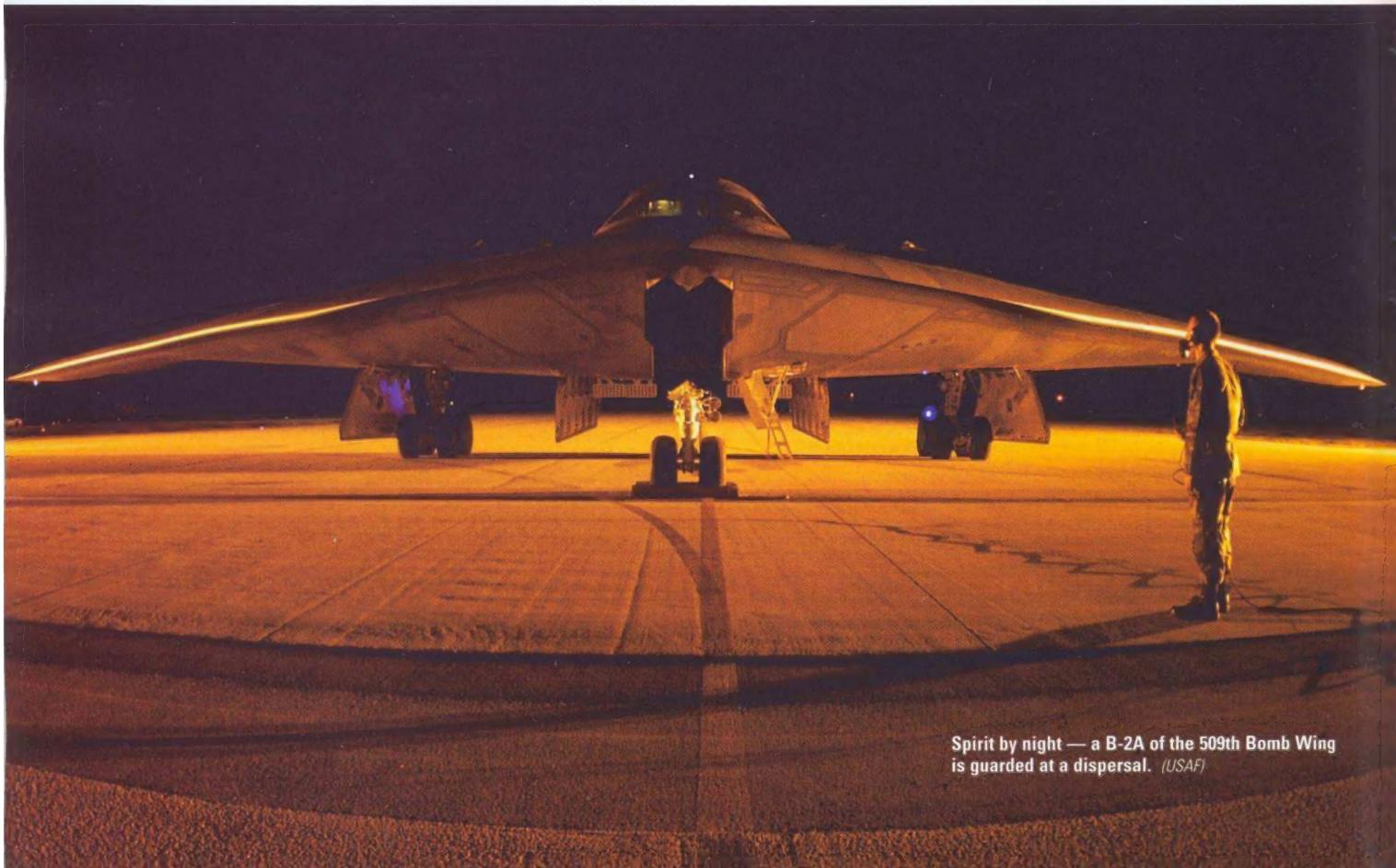


Tasked with managing the USAF's air traffic control and landing systems, AFFSA is headquartered at Andrews AFB, MD. Its units, which include active duty and AFRC organizations, conduct flight inspections of USAF airfields and flight instrumentation/navigation equipment worldwide in support of combat and contingency operations. AFFSA's units operate aircraft owned by the Federal Aviation Administration (FAA).

CHIEF OF STAFF, US AIR FORCE Washington, DC

Direct Reporting Units		
Component Unit	Location	Aircraft
Air Force Flight Standards Agency (AFFSA) — Andrews AFB, MD		
AFFSA	Andrews AFB, MD	
Det 1	Will Rogers WAP, Oklahoma City, OK	(C-29A, CL601)
AFFSA-gained AFRC units Fourth Air Force — March ARB, CA		
507th ARW (2)	Tinker AFB, OK	
1st ASF	Will Rogers WAP, Oklahoma City, OK	(C-29A, CL601) (1)

(1) - Aircraft are Federal Aviation Administration (FAA) assets.
(2) - Wing reports to the 4th Air Force and is AMC-gained.





above: A B-2 dropping 32 inert Joint Direct Attack Munitions (JDAMs) over the Utah Testing and Training Range. (USAF)

AIR COMBAT COMMAND (ACC)

The largest of the USAF's nine MACOMs is headquartered at Langley AFB, VA. ACC is responsible for four air forces that control 63 combat wings/groups comprising 19 active components, and 35 ANG wings/groups and a single 'blended' wing that is made up of both active and ANG personnel. Additionally, nine wings/groups, which report to the AFRC via the 10th AF, are also gained by the command. Reporting directly to ACC headquarters, the Air Warfare Center (AWC) is responsible for five wings/groups that are tasked with test, evaluation and advanced training missions. Also assigned to the AWC, via the 57th Wing, is the USAF Weapons School (USAFWS), which provides advanced training in weapons and tactics employment to USAF personnel assigned to several commands.

ACC is responsible for all of the USAF's bombers, CONUS-based, combat-coded fighter, strike/attack and reconnaissance aircraft. The command reports to both NORTHCOM and JFCOM but it also provides theater air forces for CENTCOM, SOUTHCOM, EUCOM and PACOM as required. Whereas the command's nuclear forces support STRATCOM, its air defense units are tasked in support of the North American Aerospace Defense Command (NORAD). Among the facilities under the cognizance of ACC are 14 major installations. ACC units also operate as tenants at no less than 15 facilities both within CONUS and OCONUS.

ACC Bases

Barksdale AFB, LA	Langley AFB, VA
Beale AFB, CA	Mountain Home AFB, ID
Cannon AFB, NM	Nellis AFB, NV
Davis Monthan AFB, AZ	Offutt AFB, NE
Dyess AFB, TX	Seymour Johnson AFB, NC
Ellsworth AFB, SD	Shaw AFB, SC
Holloman AFB, NM	Whiteman AFB, MO



First Air Force (1st AF)

Primarily tasked in support of NORAD, and staffed entirely by ANG personnel, the 1st AF is responsible for 10 ANG fighter wings. Additionally, the command, which is located at Tyndall AFB, FL, is responsible for the Northeast (NEADS), Western (WADS) and Southeast Air Defense Sectors (SEADS). These units provide radar coverage of the CONUS and exercise command and control (C2) over the command's air defense units. Several of the command's fighter wings are also dual-tasked as 'general support' units.

Southeast Air Defense Sectors (SEADS). These units provide radar coverage of the CONUS and exercise command and control (C2) over the command's air defense units. Several of the command's fighter wings are also dual-tasked as 'general support' units.

Air Combat Command (ACC) — Langley AFB, VA

Component Unit	Location	Aircraft	Tail Code
Air Warfare Center — Nellis AFB, NV			
53rd Wing	Eglin AFB, FL		
53rd TEG	Nellis AFB, NV		
Det 1	Holloman AFB, NM	F-117A	OT
HH-60G CTF	Nellis AFB, NV	HH-60G	OT
72nd TES (1)	Whiteman AFB, MO	(B-2A)	WM
49th TES	Barksdale AFB, LA	B-52H	OT
85th TES 'Skulls'	Eglin AFB, FL	F-15C/E, F-16C/D (Block 42/50)	OT
337th TES (1)	Dyess AFB, TX	(B-1B)	DY
422nd TES 'Green Bats'	Nellis AFB, NV	A-10A, F-16C/D (Block 42/50/52), F-15C/D/E, F/A-22A	OT
53rd WEG	Tyndall AFB, FL		
82nd ATRS 'Team Target'		QF-4E/G, E-9A, MQM-107, BQM-34	TD
Det 1	Holloman AFB, NM	QF-4E/G	HD
57th Wing	Nellis AFB, NV		
USAF ADS 'Thunderbirds'	Nellis AFB, NV	F-16C/D (Block 32)	
57th OG	Nellis AFB, NV		
64th AGRS	Nellis AFB, NV	F-16C/D (Block 32/52)	WA
11th RS	Indian Springs AAF, NV	RQ-1K/L, MQ-1L	WA
15th RS	Indian Springs AAF, NV	RQ-1K/L, MQ-1L	WA
17th RS	Indian Springs AAF, NV	RQ-1K/L, MQ-1L	WA
USAFWS	Nellis AFB, NV		
14th WPS 'Air Commandos'*	Hurlburt Field, FL	(MH-53M, MC-130E/H/P, AC-130H/U)	
16th WPS	Nellis AFB, NV	F-16C (Block 32/42/52), F-16D (Block 50/52)	WA
17th WPS 'Hooters'	Nellis AFB, NV	F-15E	WA
34th WPS	Nellis AFB, NV	HH-60G	WA
66th WPS	Nellis AFB, NV	A-10A	WA
77th WPS 'War Eagles' (1)	Dyess AFB, TX	(B-1B)	DY
340th WPS (1)	Barksdale AFB, LA	(B-52H)	LA
417th WPS (1)	Holloman AFB, NM	(F-117A)	HO
433rd WPS 'Satan's Angels'	Nellis AFB, NV	F-15C/D	WA
715th WPS (1)	Whiteman AFB, MO	(B-2A)	WM
AATC	Tucson IAP, AZ	F-16A/C (Block 42)	AZ

First Air Force — Tyndall AFB, FL

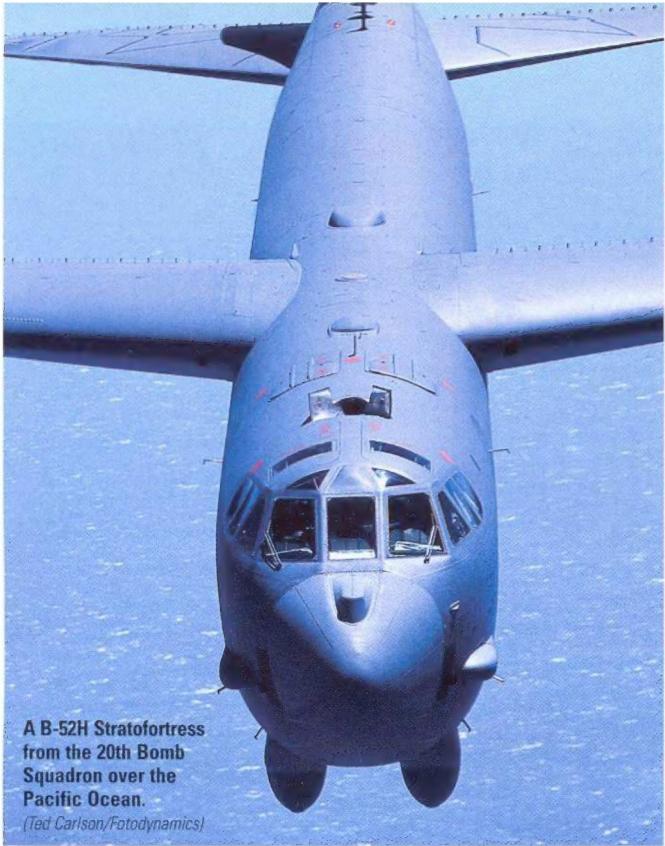
First Air Force-gained ANG units

Western Air Defense Sector (WADS) McChord AFB, WA
Northeast Air Defense Sector (NEADS) Griffiss Technical Park, Rome, NY
Southeast Air Defense Sector (SEADS) Tyndall AFB, FL

102nd FW/OG	Otis ANGB, MA	MA
101st FS 'Eagle keepers'		F-15A/B
119th FW/OG	Hector IAP, Fargo, ND	ND
178th FS 'Happy Hooligans' (2)		F-16A/B (ADF) (Block 15)
Det 1	Langley AFB, VA	
120th FW/OG	Great Falls IAP, MT	F-16A (ADF) (Block 15)
186th FS 'Vigilantes'		F-16C/D (Block 30)
125th FW/OG	Jacksonville IAP, FL	
159th FS 'Jaguars'		F-15A/B, C-26B
Det 1	Homestead ARB, FL	F-15A
142nd FW/OG	Portland IAP/ANGB, OR	
123rd FS 'Red Hawks'		F-15A/B
144th FW/OG	Fresno-Yosemite IAP/ANGB, CA	
194th FS 'Griffins'		F-16C (Block 25), C-26B
Det 1	March ARB, CA	F-16C (Block 25)
147th FW/OG	Ellington Field/ANGB, Houston, TX	EF
111th FS 'Ace in the Hole'		F-16C (Block 25), C-26B
148th FW/OG	Duluth IAP/ANGB, MN	MN
179th FS 'Bulldogs'		F-16C (Block 25)
Det 1	Tyndall AFB, FL	F-16C (Block 25)
158th FW/OG	Burlington IAP/Ethan Allen ANGB, VT	
134th FS 'Green Mountain Boys'		F-16C (Block 25)
177th FW/OG	Atlantic City IAP/ANGB, NJ	AC
119th FS 'Jersey Devils'		F-16C (Block 25)

(1) - Aircraft are borrowed as required from host unit

(2) - Squadron will transition to F-16C (Block 30)



A B-52H Stratofortress from the 20th Bomb Squadron over the Pacific Ocean.

(Ted Carlson/Fotodynamics)



Eighth Air Force (8th AF)

Located at Barksdale AFB, LA, 8th AF is responsible for ACC's nuclear capable B-2A and B-52H bombers and its so-called 'information operations' assets. The latter include command and control, intelligence surveillance and reconnaissance (C2ISR) as well as traditional reconnaissance aircraft. Its forces include three bomber wings, and five intelligence and reconnaissance wings and groups. The majority of the command's forces are assigned to the active USAF; however, a single 'blended' wing, which combines ANG and active component personnel, is also assigned. Additionally, an AFRC associate group supports the command, reporting via the 10th AF. The organization's only ANG units include 13 Intelligence (IS) and Air Control Squadrons (ACS). It is also responsible for an Air Support Operations Group and the Air Intelligence Agency and its two intelligence wings.

right: The 99th Reconnaissance Squadron at Beale AFB operates the U-2S, one of which is seen getting airborne from a base in south-west Asia during operations over Iraq. (USAF)

below: A rare look inside the cockpit of an upgraded U-2S. (USAF)



36 Combat Aircraft

Air Combat Command (ACC) — Langley AFB, VA

Component Unit	Location	Aircraft	Tail Code
Eighth Air Force — Barksdale AFB, LA			
2nd BW/OG	Barksdale AFB, LA		LA
11th BS (FTU) 'Mr Jiggs'		B-52H	
20th BS 'Buccaneers'		B-52H	
96th BS 'Red Devils'		B-52H	
5th BW/OG	Minot AFB, ND		MT
23rd BS 'Bomber Barons'		B-52H	
9th RW	Beale AFB, CA		BB
Det 1	Akrotiri AB, Cyprus		
9th OG	Beale AFB, CA	U-2S	
1st RS (FTU)	Beale AFB, CA	U-2S, TU-2S, T-38A	
12th RS 'Blackbirds'	Beale AFB, CA	RQ-4A	
5th RS 'Black Cats'	Osan AB, Korea	U-2S	
99th RS	Beale AFB, CA	U-2S, T-38A	
55th Wing/OG	Offutt AFB, NE		
338th CTS (1)	Offutt AFB, NE	(No aircraft assigned)	
1st ACCS 'First Axe'	Offutt AFB, NE	E-4B	
38th RS 'Fighting Hellcats'	Offutt AFB, NE	RC-135V/W, TC-135W	OF
45th RS 'Sylvester'	Offutt AFB, NE	WC-135C/W, OC-135B,	
		RC-135S/U, TC-135S	OF
Det 1	Eielson AFB, AK	RC-135S	
82nd RS 'Hog Heaven'	Kadena AB, Okinawa	RC-135U/V/W	
95th RS 'Kickin Ass'	RAF Mildenhall, UK	RC-135V/W	
Det 1	Souda Bay, Crete	RC-135V/W	
55th ECG	Davis Monthan AFB, AZ		
41st ECS 'Scorpions'	Davis Monthan AFB, AZ	EC-130H	DM
43rd ECS 'Bats'	Davis Monthan AFB, AZ	EC-130H, TC-130H	DM
116th ACW/OG (3)	Robins AFB, GA		GA
128th ACCS		E-8C	
12th ACCS		E-8C	
16th ACCS		E-8C	
330th CTS (FTU)		TE-8A, E-8C	
509th BW/OG	Whiteman AFB, MO		WM
325th BS 'Alley Oop'		B-2A	
393rd BS 'Tigers'		B-2A	
394th CTS (FTU) 'Panthers' (4)		T-38A	
552nd ACW/OG	Tinker AFB, OK		OK
960th AAC 'Viking Warriors'		E-3B/C	
963rd AAC 'Blue Knights'		E-3B/C	
964th AAC 'Phoenix'		E-3B/C	
965th AAC 'Falcons'		E-3B/C	
966th AAC (FTU) 'Ravens'		E-3B/C, TC-18E	

(3) - The 116th ACW is a 'blended' wing that comprises ANG and USAF personnel

(4) - Squadron utilizes B-2As from 325th and 393rd BS for training





Ninth Air Force (9th AF)

The 9th AF Commander is responsible for ACC combat forces stationed in the eastern United States, which include just five active component fighter wings and groups. The organization also oversees the operational readiness of 14 ANG and three AFRC wings.

The latter units report via AFRC's 10th AF. Located at Shaw AFB, SC, the 9th AF is also tasked to support US Central Command Air Force (CENTAF) and its commander also serves as the CENTAF commander.

Air Combat Command (ACC) — Langley AFB, VA

Component Unit	Location	Aircraft	Tail Code
Ninth Air Force (9th AF) — Shaw AFB, SC			
1st FW/OG	Langley AFB, VA	F/A-22A	FF
27th FS 'Fightin Eagles' (5)		F-15C/D	
71st FS 'Ironmen'		F-15C/D	
94th FS 'Hat-in-the-Ring'			
4th FW/OG	Seymour Johnson AFB, NC	F-15E	SJ
333rd FS (FTU) 'Lancers'		F-15E	
334th FS (FTU) 'Eagles'		F-15E	
335th FS 'Chiefs'		F-15E	
336th FS 'Rocketeers'		F-15E	
23rd FG	Pope AFB, NC	A/OA-10A	FT
74th FS 'Flying Tigers'	Pope AFB, NC	A/OA-10A	FT
75th FS 'Sharks'	Pope AFB, NC	A/OA-10A	FT
20th FW/OG	Shaw AFB, SC	F-16C/D (Block 50)	SW
55th FS 'Lancers'		F-16C/D (Block 50)	
79th FS 'Gamblers'			
33rd FW/OG	Eglin AFB, FL	F-15C/D	EG
58th FS 'Gorillas'		F-15C/D	
60th FS 'Fighting Crows'			
Ninth Air Force-gained ANG units			
103rd FW/OG	Bradley IAP/ANGB, Windsor Locks, CT	A/OA-10A	CT
118th FS 'Flying Yankees'		A/OA-10A	
104th FW/OG	Westfield Barnes Airport/ANGB, MA	A/OA-10A	MA
131st FS 'Death Vipers'		A/OA-10A	
110th FW/OG	W.K. Kellogg Airport/Battle Creek ANGB, MI	A/OA-10A	BC
172nd FS 'Mad Ducks'		A/OA-10A	
111th FW/OG	NAS JRB Willow Grove, PA	A/OA-10A	PA
103rd FS 'Black Hogs'		A/OA-10A	
113th Wing/OG (6)	Andrews AFB, MD	F-16C/D (Block 30)	DC
121st FS 'Capital Guardians'		F-16C/D (Block 30)	
122nd FW/OG	Fort Wayne International Airport, IN	F-16C (Block 25)	FW
163rd FS 'Marksmen'		F-16C (Block 25)	
127th Wing/OG (6)	Selfridge ANGB, Mount Clemens, MI	F-16C/D (Block 30)	MI
107th FS 'Red Devils'		F-16C/D (Block 30)	
169th FW/OG	Columbia Metro. AP/McEntire ANGS, SC	F-16C/D (Block 52), C-130E	
157th FS 'Swamp Fox'		F-16C/D (Block 52), C-130E	
174th FW/OG	Syracuse Hancock IAP, NY	F-16C (Block 30), C-26B	NY
138th FS 'Cobras'		F-16C (Block 30), C-26B	
175th Wing/OG (6)	Martin State AP/Warfield ANGB, Baltimore, MD	A/OA-10A	MD
104th FS 'Fighting Orioles'		A/OA-10A	
180th FW/OG	Toledo Express Airport, OH	F-16C/D (Block 42)	OH
112th FS 'Stingers'		F-16C/D (Block 42)	
181st FW/OG	Terre Haute IAP/Hulman Field, IN	F-16C/D (Block 30)	TH
113th FS 'Racers'		F-16C/D (Block 30)	
187th FW/OG	Montgomery RAP/Dannelly Field, AL	F-16C/D (Block 30), C-26B	AL
160th FS 'Snakes'		F-16C/D (Block 30), C-26B	
192nd FW/OG	Richmond IAP/Byrd Field, VA	F-16C/D (Block 30)	VA
149th FS 'Rebel Riders'		F-16C/D (Block 30)	

(5) - Squadron undergoing transition to the F/A-22A and will accept first Raptor in May 2005

(6) - Wing also controls co-located AMC Airlift Group

right: An E-4B national airborne emergency command post (NEACP) from the 1st ACCS cruises along.
(Ted Carlson/Fotodynamics)



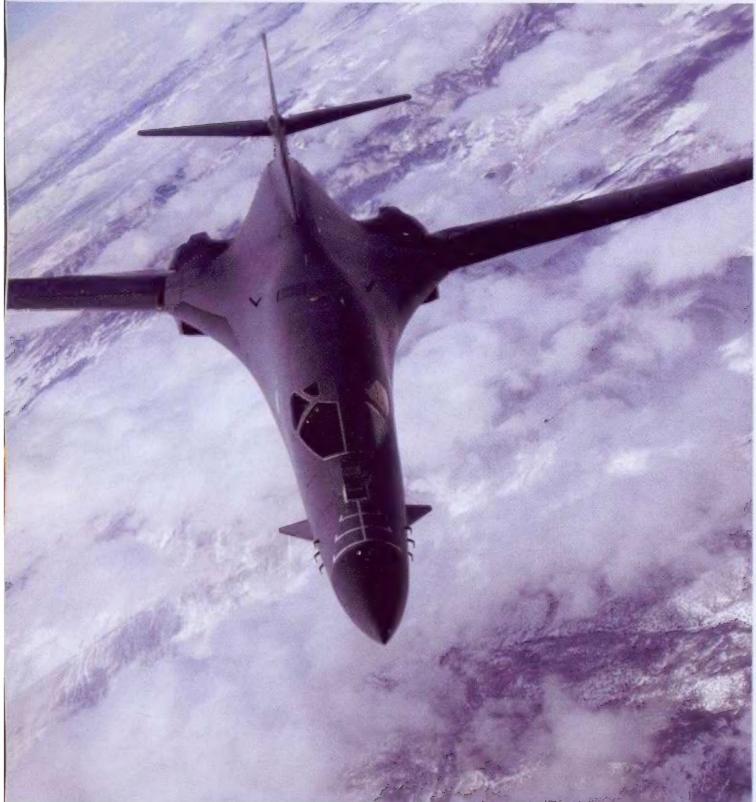
above: The 55th Wing at Offutt AFB uses this TC-135W for RC-135 crew training. (Ted Carlson/Fotodynamics)





above: Air Combat Command's F-16 inventory can include not just its own aircraft, but also those of the Air National Guard (shown here are F-16Cs from the California ANG) when assigned. (Ted Carlson/Fotodynamics)

below: One of Air Combat Command's slimmed-down fleet of B-1B Lancers. (USAF)



Twelfth Air Force (12th AF)

Air combat forces stationed in the western United States and assigned to 12th AF comprise seven active duty wings, which include the entire B-1B fleet. Additionally, 11 ANG and four AFRC wings support the command. Located at Davis Monthan AFB, AZ, the command is responsible for USAF operations throughout Central and South America and serves as the air component of SOUTHCOM. In addition to leading 12th AF, the commander has a second major responsibility and serves as US Southern Command Air Force (SOUTHAF) commander.

Air Combat Command (ACC) — Langley AFB, VA

Component Unit	Location	Aircraft	Tail Code
Twelfth Air Force — Davis Monthan AFB, AZ			
7th BW/OG	Dyess AFB, TX		DY
9th BS 'Bats'		B-1B	
28th BS (FTU) 'Grim Reapers'		B-1B	
27th FW/OG	Cannon AFB, NM		CC
428th FS (FTU) 'Buccaneers' (7)		F-16C/D (Block 52)	
522nd FS 'Fireballs'		F-16C/D (Block 50)	
523rd FS 'Crusaders'		F-16C/D (Block 30)	
524th FS 'Hounds'		F-16C/D (Block 40)	
28th BW/OG	Ellsworth AFB, SD		EL
34th BS 'Thunderbirds'		B-1B	
37th BS 'Tigers'		B-1B	
49th FW/OG	Holloman AFB, NM		HO
7th CTS (FTU) 'Screamin Demons'		T-38A	
8th FS 'Black Sheep'		F-117A	
9th FS 'Flying Knights'		F-117A	
355th Wing/OG	Davis Monthan AFB, AZ		DM
354th FS 'Bulldogs'		A/OA-10A	
357th FS (FTU) 'Dragons'		A/OA-10A	
358th FS (FTU) 'Lobos'		A/OA-10A	
366th FW/OG	Mountain Home AFB, ID		MO
388th ECS (8)	NAS Whidbey Island, WA	(No aircraft assigned)	
389th FS 'Thunderbolts'	Mountain Home AFB, ID	F-16C/D (Block 52)	
390th FS 'Wild Boars'	Mountain Home AFB, ID	F-15C/D	
391st FS 'Bold Tigers'	Mountain Home AFB, ID	F-15E	
388th FW/OG	Hill AFB, UT		HL
4th FS 'Fightin Fuggins'		F-16C/D (Block 40)	
34th FS 'Rude Rams'		F-16C/D (Block 40)	
421st FS 'Black Widows'		F-16C/D (Block 40)	
Twelfth Air Force-gained ANG units			
114th FW/OG	Sioux Falls RAP/Joe Foss Field, SD		
175th FS 'Lobos'		F-16C/D (Block 30)	
115th FW/OG	Dane County RAP/Truax Field, Madison, WI		WI
176th FS 'Badgers'		F-16C (Block 30), C-26B	
124th Wing/OG (9)	Boise Airport/Gowen Field, ID		ID
190th FS		A/OA-10A	
131st FW/OG	Lambert-St Louis IAP, MO		SL
110th FS 'Lindbergh's Own'		F-15C/D	
132nd FW/OG	Des Moines IAP, IA		IA
124th FS 'Hawkeyes'		F-16C/D (Block 42)	
138th FW/OG	Tulsa IAP, OK		OK
125th FS 'Tulsa Vipers'		F-16C/D (Block 42)	
140th Wing/OG (9)	Buckley AFB, Aurora, CO		CO
120th FS 'Cougars'		F-16C (Block 30)	
150th FW/OG	Kirtland AFB, NM		NM
188th FS 'Tacos'		F-16C/D (Block 30), C-26B	
159th FW/OG	NAS JRB New Orleans, LA		JZ
122nd FS 'Cajuns'		F-15A/B, C-130E	
183rd FW/OG	Abraham Lincoln Capital AP, Springfield, IL		SI
170th FS 'Fly'n Illini'		F-16C/D (Block 30)	
188th FW/OG	Fort Smith RAP/Ebbing ANGB, AR		FS
184th FS 'Flyin' Razorbacks'		F-16C (Block 32)	

(7) - Unit is the FTU for the Republic of Singapore AF

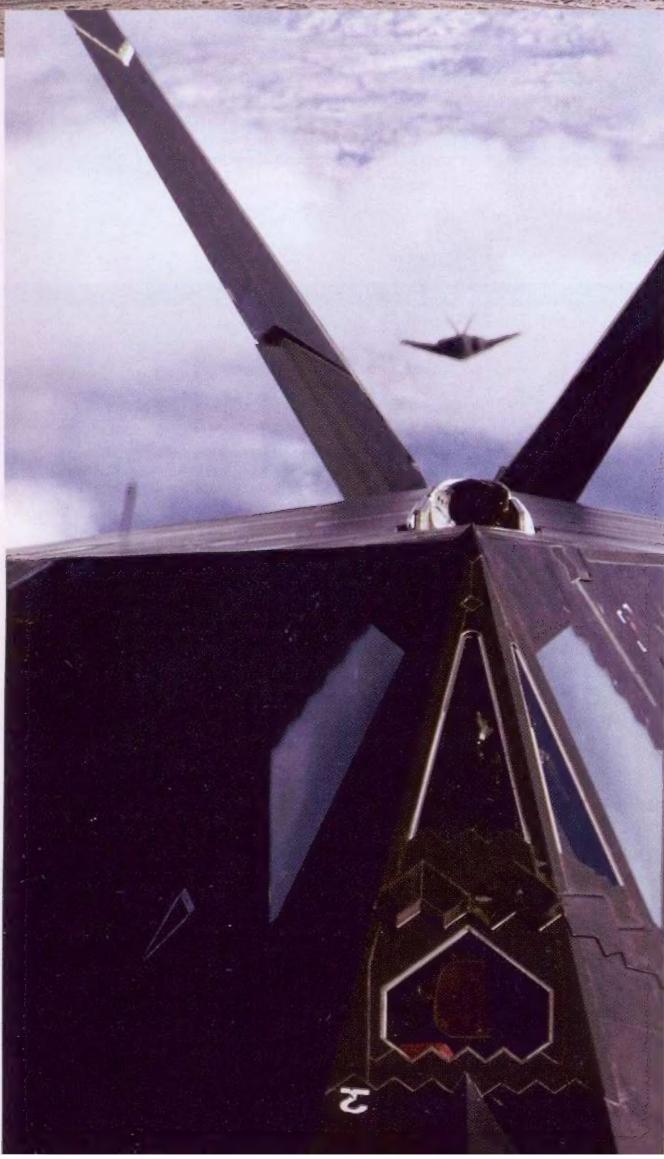
(8) - Unit is responsible for crew attached to Joint Services EA-6B electronic attack squadrons

(9) - Wing also controls collocated AMC Airlift Squadron



above: These two F-117As are heading for the White Sands missile range.
(Jamie Hunter/Aviacom)

left: A pair of 49th FW F-117A Nighthawks.
(USAF)



Air Combat Command (ACC) — Langley AFB, VA

Component Unit	Location	Aircraft	Tail Code
AFRC Tenth Air Force — NAS JRB Fort Worth/Carswell Field, TX ACC-gained AFRC units			
307th FS 'Stingers' (10)	Langley AFB, VA		
Det 1	Langley AFB, VA	F-15C/D	FF
Det 2	Hill AFB, UT	F-16C/D (Block 40)	HL
Det 3	Eglin AFB, FL	F-15C/D	EG
Det 4	Nellis AFB, NV	F-16C/D (Block 32)	WA
301st FW/OG	NAS JRB Fort Worth/Carswell Field, TX		
457th FS 'Spads'		F-16C/D (Block 30)	
419th FW/OG	Hill AFB, UT		
466th FS 'Diamondbacks'		F-16C/D (Block 30)	HI
442nd FW/OG	Whiteman AFB, MO		
303rd FS 'KC Hawgs'		A/OA-10A	KC
482nd FW/OG	Homestead ARB, FL		
93rd FS 'Makos'		F-16C/D (Block 30)	FM
513th ACG (11)	Tinker AFB, OK		
970th AACs		E-3B/C	OK
917th Wing/OG	Barksdale AFB, LA		
47th FS 'Dogpatchers'		A/OA-10A	BD
93rd BS 'Indian Outlaws'		B-52H	
926th FW/OG	NAS JRB New Orleans, LA		
706th FS 'Cajuns'		A/OA-10A	NO
944th FW/OG (12)	Luke AFB, AZ		
302nd FS 'Sun Devils'		F-16C/D (Block 25/32)	LR

(10) - Associate unit supports ACC training operations

(11) - ACC-gained associate unit

(12) - Wing also controls a co-located AETC-gained associate fighter squadron

AIR EDUCATION AND TRAINING COMMAND (AETC)

Headquartered at Randolph AFB, TX, AETC is responsible for the entire spectrum of training for the USAF. The command provides basic military training, initial and advanced technical training, flight training, and professional military and degree education for all USAF personnel. Two numbered air forces are assigned, along with the Air University and the Inter-American Air Forces Academy. The latter gives training to personnel from 19 Spanish-speaking air forces. Facilities under AETC's jurisdiction include 11 major bases.



US AIR FORCE ACADEMY

Reporting directly to the Air Force Chief of Staff, the USAF Academy, which is located in Colorado Springs, CO, prepares cadets for careers as USAF officers; its graduates may enter flight training upon graduation.

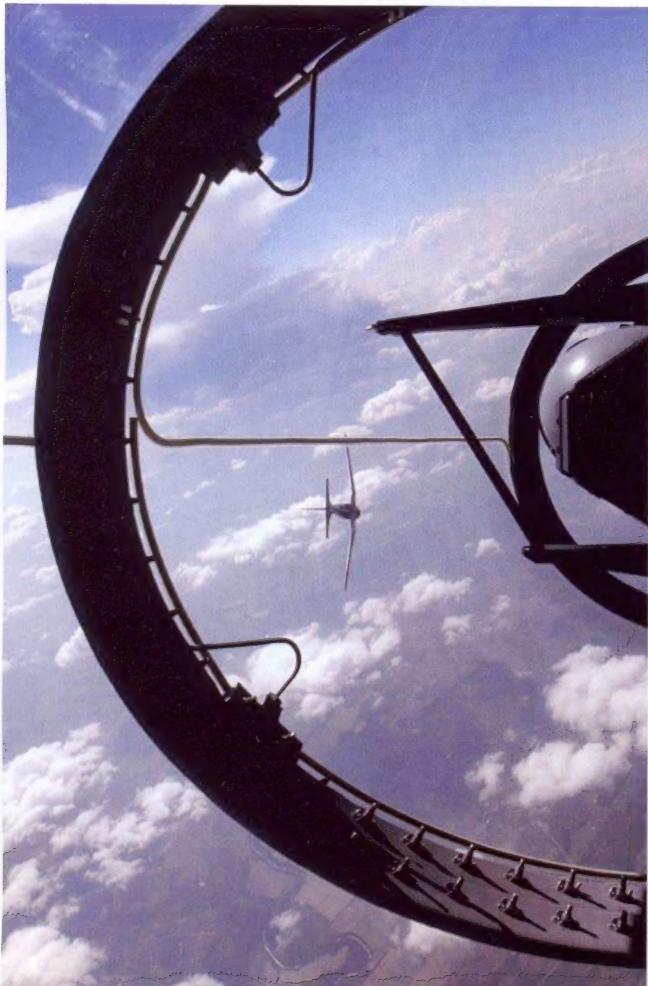
Responsibility for the school's fleet of fixed-wing aircraft and gliders, and its airmanship programs, was transferred from the 34th Training Wing to AETC in October 2004. The courses under the airmanship programs provide cadets with flight, navigation, soaring and parachute training.

AETC Bases

Altus AFB, OK
Columbus AFB, MS
Keesler AFB, MS
Lackland AFB, TX
Laughlin AFB, TX
Little Rock AFB, AR

Luke RFB, AZ
Randolph AFB, TX
Sheppard AFB, TX
Tyndall AFB, FL
Vance AFB, OK

below: The essence of pilot training, as seen from the cockpit of one of two Raytheon T-6A Texan IIs engaged in a tailchase. (USAF)



right: The T-6A Texan II is now well-established in service with three wings, one of which is the 12th FTW at Randolph AFB. (USAF)

below: Boeing T-43As are used by the 12th FTW at Randolph AFB as navigator trainers. (Ben Dunnell)



Second Air Force (2nd AF)

Four Training Wings and a single Training Group are assigned to the 2nd AF, which is located at Keesler AFB, MS. The organization is primarily tasked with providing technical training and no flying units are assigned to the command.



Air Education & Training Command (AETC) Randolph AFB, TX

Component Unit	Location	Aircraft	Tail Code
Second Air Force — Keesler AFB, MS			
37th TRW/IAAFA	Lackland AFB, TX	Various instructional airframes	LD
82nd TRW	Sheppard AFB, TX	Various instructional airframes	ST



Nineteenth Air Force (19th AF)

Located at Randolph AFB, TX, the 19th AF's organization includes six active duty wings/groups that provide joint service undergraduate pilot (JSUPT) and navigator training (JSUNT) for USAF, foreign and other US service personnel. The AFRC also supports this mission. Components attached to 19th AF include a single 'associate' group, which is responsible for six squadrons that are individually located at each of the training bases.

Advanced transition/type training for the F-15, F-16, F/A-22, C-130, C-5, C-17, C-21 and special operations aircraft is conducted by five active component wings that serve as formal training units (FTU). Within 19th AF, five ANG wings also serve as FTUs and a single AFRC associate squadron supports this training as well. Additionally, a single group supports operations at the USAF survival school. All of the reserve units that support 19th AF are attached to the 10th AF. The command recently assumed the responsibility for operations associated with the US Air Force Academy's Airmanship Programs and established a new group at the school's airfield. AFRC personnel have also begun supporting the operation of the academy's fleet of fixed wing aircraft and gliders.

Air Education & Training Command (AETC) Randolph AFB, TX

Component Unit	Location	Aircraft	Tail Code
Nineteenth Air Force - Randolph AFB, TX			
12th FTW/OG	Randolph AFB, TX	T-1A	RA
99th FTS 'Panthers'		T-6A	
558th FTS 'Phantom Knights'		T-37B	
559th FTS 'Billy Goats' (1)		T-38C	
560th FTS 'Chargin' Cheetahs'		CT/T-43A	
562nd FTS 'Gators'			
14th FTW/OG	Columbus AFB, MS	T-37B	CB
37th FTS 'Bengal Tigers'		T-37B	
41st FTS 'Flying Buzzsaws'		T-1A	
48th FTS 'Alley Cats'		T-38C	
50th FTS 'Strikin Snakes'			
47th FTW/OG	Laughlin AFB, TX	T-6A	XL
84th FTS 'Panthers'		T-6A	
85th FTS 'Tigers'		T-1A	
86th FTS 'Rio Lobos'		T-38A	
87th FTS 'Red Bulls'			
56th FW/OG	Luke AFB, AZ	F-16A/B (Block 20)	LF
21st FS 'Gamblers' (2)		F-16C/D (Block 25)	
61st FS 'Top Dogs'		F-16C/D (Block 25)	
62nd FS 'Spikes'		F-16C/D (Block 42)	
63rd FS 'Panthers'		F-16C/D (Block 42)	
308th FS 'Emerald Knights'		F-16C/D (Block 42)	
309th FS 'Wild Ducks'		F-16C/D (Block 42)	
310th FS 'Top Hats'		F-16C/D (Block 42)	
425th FS 'Black Widows' (3)		F-16C/D (Block 42/52)	
58th SOW/OG	Kirtland AFB, NM	HH-60G, UH-1N	
512th RQS 'Jolly'		MC-130N/P, MC-130H	
550th SOS 'Wolf Pack'		MH-53J/M	
551st SOS 'Black Knights'		UH-1H	
23rd FTS (4)	Lowe AHP, Fort Rucker, AL		
71st FTW/OG	Vance AFB, OK	T-37B/T-6A	VN
8th FTS 'Eight Ballers'		T-38C	
25th FTS 'Shooters'		T-1A	
32nd FTS 'Mustangers'		T-37B	
33rd FTS 'Dragons'			
80th FTW/OG	Sheppard AFB, TX	T-37B, T-38A, AT-38B	EN
88th FTS 'Lucky Devils'		T-37B	
89th FTS 'Banshees'		T-38A, AT-38B	
90th FTS 'Boxing Bears'			
97th AMW/OG	Altus AFB, OK	(KC-135R)	
54th ARS 'Jesters' (5)		KC-135R	
55th ARS 'Masters of the Art'		C-5A	
56th AS 'Jumbo Country'		C-17A	
58th AS 'Moose'			
306th FTG	USAFA Airfield, Colorado Springs, CO	TG-10B/C/D, TG-14A,	AF
94th FTS		T-41D, Cessna 150	
98th FTS	Peterson AFB, CO	UV-18A/B	
557th FTS		DA20-C1	
314th AW/OG	Little Rock AFB, AR	C-130J	
48th AS		C-130E	
53rd AS 'Black Jacks'		C-130E	
62nd AS 'Blue Barons'		C-21A	KS
45th ALF 'Troop Carrier'	Keesler AFB, MS	C-21A	
325th FW/OG	Tyndall AFB, FL	F-15C/D	TY
1st FS 'Fightin' Furies'		F/A-22A	
2nd FS 'American Beagle Squadron'		F-15C/D	
43rd FS 'American Hornets'			
95th FS 'Boneheads'			
336th TRG	Fairchild AFB, WA	UH-1N	
36th RQF 'St Bernards'			
479th FTG	Moody AFB, GA	T-6A	MY
3rd FTS 'Peugots'		T-38C	
49th FTS 'Black Knights'		T-38C	
435th FTS 'Black Eagles'			

(1) - Squadron will be inactivated

(2) - Squadron trains pilots for the Republic of China AF

(3) - Squadron trains pilots for the Republic of Singapore AF

(4) - Rotary Wing Qualification Course (RWQC)/Specialized Undergraduate Pilot Training — Helicopter (SUPT-H) and Air Force unique training course conducted by the US Army

(5) - Squadron provides KC-135 Central Flight Instructor's Course using aircraft borrowed from the 55th ARS



above: F-16 pilot conversion is undertaken by the 56th FW at Luke AFB.
(John Dibbs/The Plane Picture Co)

Air Education & Training Command (AETC) Randolph AFB, TX

Component Unit	Location	Aircraft	Tail Code
Nineteenth Air Force-gained ANG units			
149th FW/OG	Kelly Field, Lackland AFB, TX	F-16C/D (Block 30)	SA
182nd FS 'Lone Star Gunfighters'			
162nd FW/OG (6)	Tucson IAP, AZ		AZ
148th FS 'Kickin' Ass'		F-16A/B (Block 15), F-16A/B (ADF) Block 15, F-16E/F, C-26B	
152nd FS 'Tigers'		F-16C/D (Block 25/42)	
195th FS 'Warhawks'		F-16A/B (Block 15), F-16A/B (ADF) Block 15	
173rd FW/OG	Klamath Falls IAP-Kingsley Field, OR		
114th FS 'Eager Beavers'		F-15B/C/D	
178th FW/OG	Springfield-Beckley MAP, OH	F-16C/D (Block 30)	OH
162nd FS 'Sabres'			
189th AW/OG	Little Rock AFB, AR		
154th TRS 'Razorbacks'		C-130E	
AFRC Tenth Air Force — NAS JRB Fort Worth/Carswell Field, TX AETC-gained AFRC units			
302nd AW/OG (7)	Peterson AFB, CO		
302nd OG Det 1	USAF Airmfield, CO	Miscellaneous types	
340th FTG (8)	Randolph AFB, TX		
5th FTS 'Spitten Kittens'	Vance AFB, OK	T-1A, T-37B, T-38C	VN
39th FTS 'Cobras'	Moody AFB, GA	T-6A, T-38C	MY
43rd FTS 'Firebirds'	Columbus AFB, MS	T-1A, T-37B, T-38C	CB
96th FTS	Laughlin AFB, TX	T-1A, T-6A, T-38A	XL
97th FTS 'Devil Cats'	Sheppard AFB, TX	T-37B, T-38A, AT-38B	EN
100th FTS 'Panthers'	Randolph AFB, TX	T-1A, T-6A, T-37B, T-38C	RA
944th FW/OG (9)	Luke AFB, AZ		LF
301st FS 'Red Tail Devils'		F-16C/D (Block 25/32)	

(6) - Initial UAE AF Block 60 F-16E/Fs arrived in September 2004

(7) - Associate unit supports USAF Academy training operations

(8) - AETC-gained associate unit provides instructor pilots for active duty unit, no aircraft assigned

(9) - Wing also controls an ACC-gained fighter squadron

below: A neat formation of four upgraded T-38C Talons from the 14th FTW at Columbus AFB, as featured in more detail in *Combat Aircraft* issue 6.5.

(Greg L. Davis)



AIR FORCE SPACE COMMAND (AFSPC)

The AFSPC is responsible for the USAF's land-based intercontinental ballistic missiles (ICBMs). The command also operates Delta II, Atlas II and Titan IV launch vehicles and is tasked with placing payloads in space and operating those assets. The 30th Space Wing at Vandenberg AFB, CA, and the 45th Space Wing at Patrick AFB, FL, conduct these operations. Additionally, the AFSPC provides weather, communications, ballistic missile warning and space-based intelligence in support of NORAD and STRATCOM. The AFSPC is a component of STRATCOM and its commander is responsible for the Space Warfare Center at Schriever AFB, CO, the Space and Missile Systems Center at Los Angeles AFB, CA, and two numbered Air Forces. Nine major bases are under the cognizance of AFSPC, which is headquartered at Peterson AFB, CO.

AFSPC Bases

Buckley AFB, CO	Patrick AFB, FL
F.E. Warren AFB, WY	Peterson AFB, CO
Los Angeles AFB, CA	Schriever AFB, CO
Malmstrom AFB, MT	Vandenberg AFB, CA
Minot AFB, ND	



Fourteenth Air Force (14th AF)

The 14th AF is responsible for a variety of space-based missions including missile warning, space surveillance, space launch, shuttle support and space operations. Although 14th AF is responsible for five Space Wings, only a single helicopter flight is under its cognizance. The command's headquarters is located at Vandenberg AFB, CA.



Twentieth Air Force (20th AF)

Headquartered at F.E. Warren AFB, WY, the 20th AF controls three space wings that operate the Minuteman III and Peacekeeper ICBMs from a series of underground silos that are located throughout the northern tier of the midwest US. Helicopter flights within each of these wings

operate the only aircraft assigned to the command. Primarily tasked with supporting the missile silos by moving launch crews, maintenance specialists and spare parts, the aircraft are also used for security operations. Secondary duties include search and rescue (SAR) and medical evacuations (MEDEVAC) in support of civil agencies and the national search and rescue plan.

Air Force Space Command (AFSPC) Peterson AFB, CO

Component Unit	Location	Aircraft	Tail Code
Fourteenth Air Force — Vandenberg AFB, CA			
30th SPW/OG	Vandenberg AFB, CA	HV	
76th HF		UH-1N	
Twentieth Air Force — F.E. Warren AFB, WY			
90th SPW/OG	F.E. Warren AFB, WY	FE	
319th MS		LGM-30G	
320th MS		LGM-30G	
321st MS		LGM-30G	
400th MS		LGM-118A	
37th HF		UH-1N	
91st SPW/OG	Minot AFB, ND	MT	
740th MS		LGM-30G	
741st MS 'Gravel Haulers'		LGM-30G	
742nd MS		LGM-30G	
54th HF 'Nomads of the North'		UH-1N	
341st SPW/OG	Malmstrom AFB, MT	MM	
10th MS 'First Ace in the Hole'		LGM-30G	
12th MS 'Red Dawgs'		LGM-30G	
490th MS 'Farsiders'		LGM-30G	
564th MS 'Odd Squad'		LGM-30G	
40th HF		UH-1N	



above: The only aircraft on the strength of Air Force Space Command are Bell UH-1Ns used for rescue purposes. (Photocu)

AIR FORCE SPECIAL OPERATIONS COMMAND (AFSOC)

Headquartered at Eglin AFB's Hurlburt Field, FL, AFSOC is the USAF component of USSOCOM and supports unified combatant commanders by providing specialized air power in support of unconventional warfare. Its active units include five wings/groups including two groups that are forward deployed OCONUS in support of EUCOM and PACOM. A forward-based special operations group in England will likely relocate to NAS Rota in Spain or NAS Sigonella, Italy as part of EUCOM's ongoing transformation plan. In addition to its flying units, AFSOC's 720th Special Tactics Group is responsible for seven squadrons including three that are geographically separated from the group. No aircraft are assigned to these units, which are tasked with organizing, training and equipping special tactics forces. These forces include pararescue personnel and combat rescue officers (PJ/CRO), combat control teams (CCT), tactical air control parties (TACP) and combat weather personnel. Additionally, two independent squadrons report directly to AFSOC headquarters. Its reserve forces include three ANG and two AFRC wings. The latter report to the 10th AF. Three bases under the command's control include a pair of facilities located within the confines of Eglin AFB.

AFSOC Bases

Moody AFB, GA	Duke Field AS, FL
Hurlburt Field, FL	



above: An air-to-air refueling capability is provided to Special Operations helicopters by the venerable HC-130 and MC-130P Hercules. The two aircraft here are an HC-130P and an HH-60G Pave Hawk. (USAF)

The HH-60G Pave Hawk is used by both AFSOC and Air Force Reserve Command units. (Rick Linares/Dash 2 Aviation Photography)



Air Force Special Operations Command (AFSOC) Hurlburt Field, FL

Component Unit	Location	Aircraft	Tail Code
Direct Reporting Units			
18th FLTS	Hurlburt Field, FL	(No aircraft assigned)	
Det 1 (1)	NAS Patuxent River, MD	(MV-22B)	
Det 3	Nellis AFB, NV	(HH-60G)	
427th SOS	Pope AFB, NC	CN235, UV-20A	
720th STG (2)	Hurlburt Field, FL	(No aircraft assigned)	
16th SOW/OG			
4th SOS 'Ghostriders'	Hurlburt Field, FL	AC-130U	
6th SOS 'Commandos'	Hurlburt Field, FL	UH-1N, C-41A	
8th SOS 'Blackbirds' (3)	Duke Field AS, FL	MC-130E, C-130E	
9th SOS 'Night Wings'	Eglin AFB, FL	MC-130P	
15th SOS 'Global Eagles'	Hurlburt Field, FL	MC-130H	
16th SOS 'Spectre'	Hurlburt Field, FL	AC-130H	
20th SOS 'Green Hornets'	Hurlburt Field, FL	MH-53M, NCH-53A	
352nd SOG			
7th SOS 'Air Commandos'	RAF Mildenhall, UK	MC-130H	
21st SOS 'Dust Devils'		MH-53M	
67th SOS 'Night Owls'		MC-130P, C-130E	
363rd SOG			
1st SOS 'Stray Goose Int'l'	Kadena AB, Okinawa, Japan	MC-130H	
17th SOS 'Jackals'		MC-130P	
347th RQW/OG			
38th RQS	Moody AFB, GA	(PJs)	
41st RQS 'Jolly Green'		HH-60G	
71st RQS 'Kings'		HC-130P, C-130E	
563rd RQG			
48th RQS	Davis Monthan AFB, AZ	(PJs)	
55th RQS 'Night Hawks'		HH-60G	
79th RQS 'Desert Knights'		HC-130P, C-130E	
OL-A			
58th RQS	Nellis AFB, NV	(PJs)	
66th RQS		HH-60G	

AFSOC-gained ANG Units

106th RQW/OG	Francis S. Gabreski AP ANGB, Westhampton Beach, NY
101st RQS	HH-60G
102nd RQS 'ANG's Oldest Unit'	HC-130N/P
103rd RQS	(PJs)
108th ARW/OG (4)	McGuire AFB, NJ
227th SOF	C-32B
129th RQW/OG	Moffett Federal Airport ANGS, CA
129th RQS	HH-60G
130th RQS	HC/MC-130P
131st RQS	(PJs)
193rd SOW/OG	Harrisburg International AP, PA
193rd SOS 'Quiet Professionals'	EC-130E/J, C-130E

AFRC Tenth Air Force — NAS JRB Fort Worth/Carswell Field, TX AFSCOC-gained AFRC units

919th SOW/OG	Duke Field AS, FL
711th SOS 'Specter' (5)	MC-130E, C-130E/H
5th SOS 'Shadows' (6)	MC-130P
920th RQW/OG	Patrick AFB, FL
39th RQS	HC-130N/P, C-130E
301st RQS 'Guardian Wings'	Patrick AFB, FL
943rd RQG	HH-60G
304th RQS	Davis Monthan AFB, AZ
305th RQS	(PJs)
306th RQS	Davis Monthan AFB, AZ
	HH-60G
	(PJs)

(1) - Personnel support the V-22 Integrated Test Team (ITT)
 (2) - 720th STG is responsible for seven Special Tactics Squadrons (STS) and a Combat Weather Squadron (CWS)
 (3) - Active associate squadron shares aircraft with co-located AFRC squadron
 (4) - AMC-gained ANG wing also controls two AMC-gained air refueling squadrons
 (5) - Squadron shares aircraft with co-located active duty associate squadron
 (6) - Associate squadron shares aircraft with co-located active duty squadron

right: Some examples of the MH-53J Pave Low III Enhanced helicopter remain on the strength of the 551st SOS at Kirtland AFB for training purposes. Operational units use both the J model and the further updated MH-53M. (USAF)



left: A mainstay of Air Force Special Operations Command is the MC-130H Hercules, also known as the Combat Talon II. This one hails from the 58th SOW at Kirtland AFB. (Ted Carlson/Fotodynamics)

below: AFSCOC will soon be introducing the MV-22 Osprey to full operational service, and is involved in its USAF development tests. (James Haseltine)



AIR FORCE MATERIEL COMMAND (AFMC)

The development, test, acquisition and support of the USAF's weapon systems is the responsibility of the AFMC, which is headquartered at Wright Patterson AFB, OH. Units under AFMC's cognizance comprise the Aeronautical Systems Center (ASC), Air Force Flight Test Center (AFFTC) and Air Armament Center (AAC). These organizations are supported by three wings and two independent squadrons. Responsibility for three USAF Air Logistic Centers (ALC) or depots and the Aerospace Maintenance and Regeneration Center (AMARC) are also assigned to the command. The ALCs recently underwent a major restructuring, which saw the creation of several new organizations including three new Maintenance Wings (MXW). These wings are responsible for performing periodic depot maintenance (PDM) and overhauling aircraft, missiles, systems and equipment as well as carrying out repairs to crash and battle damaged aircraft. Flight testing of aircraft following major modifications, PDM or in support of engineering projects is conducted by seven AFRC squadrons and flights that report to the 22nd AF. Additionally, the command is responsible for the C-12Cs/Ds operated on behalf of US Embassies worldwide and assigned to the Air Force Security Assistance Center (AFSAC). The responsibility for the National Museum of the US Air Force also rests with the AFMC, and seven major bases are under its command.

AFMC Bases

Edwards AFB, CA	Robins AFB, GA
Eglin AFB, FL	Tinker AFB, OK
Hill AFB, UT	Wright Patterson AFB, OH
Kirtland AFB, NM	



right: An F-15B Eagle from the Air Force Flight Test Center at Edwards AFB. (Photocur)

left: A single C-17A remains on the strength of the AFFTC.
(James Haseltine)

Air Force Materiel Command (AFMC) Wright Patterson AFB, OH

Component Unit	Location	Aircraft	Tail Code
AMARC	Davis Monthan AFB, AZ	Miscellaneous types	
Aeronautical Systems Center (ASC) — Wright Patterson AFB, OH			
486th FLTS	Eglin AFB, FL	C-32B	
645th MATS	Wright Patterson AFB, OH		
Det 2	Greenville MAP, TX	NC-135W	MF
Det 4	AF Plant 42/Palmdale PFTI, CA	EC-130H, NC-130E	

below: The AFFTC has been very hard at work on the RQ-4A Global Hawk UAV program. (Ted Carlson/Fotodynamics)



Air Force Materiel Command (AFMC) Wright Patterson AFB, OH

Component Unit	Location	Aircraft	Tail Code
Air Force Flight Test Center (AFFTC) — Edwards AFB, CA	Edwards AFB, CA	NF-16D, L-39C, (T-38A, AT-38B, UH-1N)	ED
USAF TPS (1)	Edwards AFB, CA		
412th TW/OG	Edwards AFB, CA		
410th FLTS	AF Plant 42/Palmdale PFTI, CA	YF-117A	
411th FLTS	Edwards AFB, CA	F/A-22A	
412th FLTS 'Speckled Trout'	Edwards AFB, CA	C-135C/E	
416th FLTS	Edwards AFB, CA	F-16A/B (Block 15), F-16C (Block 25/40/42), F-16D (Block 25/40/50)	
418th FLTS 'Tigers'	Edwards AFB, CA	C-12C, C-17A, KC-135R	
Det 1	Edwards AFB, CA	CV-22B	
Det 2	Kirtland AFB, NM	NKC-135B/E	
419th FLTS 'Silent Sting'	Edwards AFB, CA	B-52H, B-1B, B-2A	
445th FLTS	Edwards AFB, CA	T-38A/C, AT-38B, F-15A/B/C/D/E	
452nd FLTS	Edwards AFB, CA	YRQ/RQ-4A, YAL-1A	
Air Armament Center — Eglin AFB, FL			
46th TW/OG	Eglin AFB, FL		ET
40th FLTS	Eglin AFB, FL		
413th FLTS	Hurlburt Field, FL	(MC-130E/H, AC-130H/U, MH-53M, UH-1N)	
Det 1	Nellis AFB, NV	HH-60G	
46th TESTG	Holloman AFB, NM		
586th FLTS 'Roadrunners'	Holloman AFB, NM	AT-38B, C-12J	HT
USAF Air Logistics Centers (ALC) — Wright Patterson AFB, OH			
Ogden Air Logistics Center (OO-ALC)	Hill AFB, UT		
309th MXW		(A-10, C-130, F-16, LGM-30, LGM-118)	
Oklahoma City Air Logistics Center (OC-ALC)	Tinker AFB, OK		
76th MXW	(B-1, B-52, C-135, E-3)		
Warner Robins Air Logistics Center (WR-ALC)	Robins AFB, GA		
402nd MXW	(C-5, C-17, C-130, F-15)		
Air Force Security Assistance Center (AFSAC) — Wright Patterson AFB, OH			
DIA Air Operations (Embassy Flights)			
Buenos Aires, Argentina	C-12D		
Canberra, Australia	C-12C		
La Paz, Bolivia	C-12D		
Bogota, Colombia	C-12C		
Budapest, Hungary	C-12D		
Jakarta, Indonesia	C-12C		
Abidjan, Ivory Coast	C-12C		
Nairobi, Kenya	C-12D		
Islamabad, Pakistan	C-12C		
Manila, Philippines	C-12C		
Riyadh, Saudi Arabia	C-12C		
Bangkok, Thailand	C-12C		
DSCA Air Operations (Embassy Flights)			
Cairo, Egypt	C-12C		
Tegucigalpa, Honduras	C-12C		
Dhahran, Saudi Arabia	C-12C		
Ankara, Turkey	C-12C		
AFRC Twenty-Second Air Force — Dobbins ARB, GA AFMC-gained AFRC units			
413th FLTG (2)	Robins AFB, GA		
10th FLTS	Tinker AFB, OK	(C/KC/EC/RC-135, B-1, E-3, E-4)	
313th FLTF	Kelly Field, Lackland AFB, TX	(KC-135, KC-10)	
339th FLTS	Robins AFB, GA	(C-5, C-141, C-130, F-15)	
415th FLTF	Randolph AFB, TX	(T-37B, T-38C)	RT
420th FLTF	Williams Gateway AP, Mesa, AZ	(T-38C)	
370th FLTS (3)	Edwards AFB, CA	(C-12C, C-17A, KC-135R)	ED
Det 1	Kirtland AFB, NM	(NKC-135B/E)	
514th FLTS	Hill AFB, UT	(C-130, F-16A/B/C/D, A-10A)	

(1) - USAFTPS shares aircraft operated by the 412th TW

(2) - No aircraft are assigned. Crews perform post-maintenance functional check flights in support of depots

(3) - Associated unit shares aircraft with co-located active duty organization

AIR MOBILITY COMMAND (AMC)

Tasked with providing airlift, aeromedical evacuation, and tanker support for all branches of the US military, AMC is the air force component of TRANSCOM. As such, it also provides forces to unified combatant commanders in support of wartime tasking. Additionally, the Air Mobility Warfare Center (AMWC) is assigned directly to the command. Its mission is similar to that of ACC's Air Warfare Center at Nellis AFB. Located at Scott AFB, IL, Air Mobility Command is responsible for 12 major bases and a single numbered air force.

AMC Bases

Andrews AFB, MD	McChord AFB, WA
Charleston AFB, SC	McConnell AFB, KS
Dover AFB, DE	McGuire AFB, NJ
Fairchild AFB, WA	Pope AFB, NC
Grand Forks AFB, ND	Scott AFB, IL
MacDill AFB, FL	Travis AFB, CA



Eighteenth Air Force (18th AF)

Also located at Scott AFB, IL, the 18th AF is responsible for supporting numerous Combatant Commands. Organizations that report to the command include 16 active air force wings/groups and the Tanker Airlift Control Center (TACC), which serves as an air operations hub, directing tanker and transport aircraft operations around the world. The command also controls the 15th and 21st Expeditionary Mobility Task Forces (EMTF), which act as lead agencies for conducting mobility operations worldwide. The geographically aligned EMTFs are also responsible for four air mobility operations groups. Whereas the 15th EMTF's primary focus is on the Pacific and South America, the 21st EMTF has responsibility for Europe and Southwest Asia. Both organizations support NORTHCOM and JFCOM requirements. AMC's reserve component forces include 43 ANG and 28 AFRC groups and wings. Three additional ANG squadrons are attached to ACC-gained wings. The AFRC units report to the 4th AF and 22nd AF.

below: A C-5B Galaxy of the 60th AMW at Travis AFB being loaded with a truck full of humanitarian supplies destined for Iraq. (USAF)



above: The USAF's latest airlift workhorse is the superb C-17A Globemaster III. (Mark Farmer)

Air Mobility Command (AMC) — Scott AFB, IL

Component Unit	Location	Aircraft	Tail Code
Air Mobility Warfare Center (AMWC) — Fort Dix, NJ			
29th WPS (1)	Little Rock AFB, AR	(C-130E/H)	
57th WPS (1)	McGuire AFB, NJ	(C-17A)	
509th WPS (1)	Fairchild AFB, WA	(KC-135R)	
34th CTS	Little Rock AFB, AR	(No aircraft assigned)	
Eighteenth Air Force - Scott AFB, IL			
AMCAOS (2)			
Det 1	Travis AFB, CA	(No aircraft assigned)	
Det 2	Altus AFB, OK	(No aircraft assigned)	
Det 3	Little Rock AFB, AR	(No aircraft assigned)	
Det 4	Keesler AFB, MS	(No aircraft assigned)	
Det 5 (3)	Fort Rucker, AL	(No aircraft assigned)	
AMC FLTS			
15th EMTF	McGuire AFB, NJ	(No aircraft assigned)	
615th CRW	Travis AFB, CA	(No aircraft assigned)	
21st EMTF	McGuire AFB, NJ	(No aircraft assigned)	
621st CRW	McGuire AFB, NJ	(No aircraft assigned)	
TACC	Scott AFB, IL	(No aircraft assigned)	
6th AMW/OG			
91st ARS	MacDill AFB, FL		
310th AS (4)		KC-135R	
19th ARG			
99th ARS	Robins AFB, GA		
22nd ARW/OG			
344th ARS 'Ravens'	McConnell AFB, KS		
349th ARS 'Blue Knights'		KC-135R/T	
350th ARS 'Red Falcons'		KC-135R	
384th ARS 'Square Patches'		KC-135R/R(RT)	
43rd AW/OG			
2nd AS 'Lancers'	Pope AFB, NC		
41st AS 'Black Cats'		C-130E	
60th AMW/OG			
6th ARS 'Pegasus'	Travis AFB, CA		
9th ARS 'Universal'		KC-10A	
21st AS 'Beeliners'		C-5A/B/C	
22nd AS 'Mules'		C-5A/B/C	
62nd AW/OG			
4th AS 'Fighting Fourth'	McChord AFB, WA		
7th AS 'Willing and Able'		C-17A	
8th AS 'Soaring Stallions'		C-17A	
10th AS		C-17A	
89th AW/OG			
1st HS '1st Heli'	Andrews AFB, MD		
1st AS 'Sam Fox'		UH-1N	
99th AS 'Sam Fox'		C-12C/D, C-32A, C-40B	
PAG		C-9C, C-20B/C, C-37A	
PAS		VC-25A	
92nd ARW/OG			
92nd ARS 'Black Hawks'	Fairchild AFB, WA		
93rd ARS		KC-135R/T	
96th ARS 'Screaming Eagles'		KC-135R/T	
97th ARS		KC-135R/T	

(1) - Aircraft are borrowed as required from host unit at respective bases

(2) - AMCAOS supports training efforts

(3) - C-12 fixed wing training is conducted by Flight Safety Int'l (FSI) at Dothan AP, AL and monitored by Det 5

(4) - Squadron supports USCENTCOM, USSOCOM and USSOUTHCOM

Air Mobility Command (AMC) — Scott AFB, IL

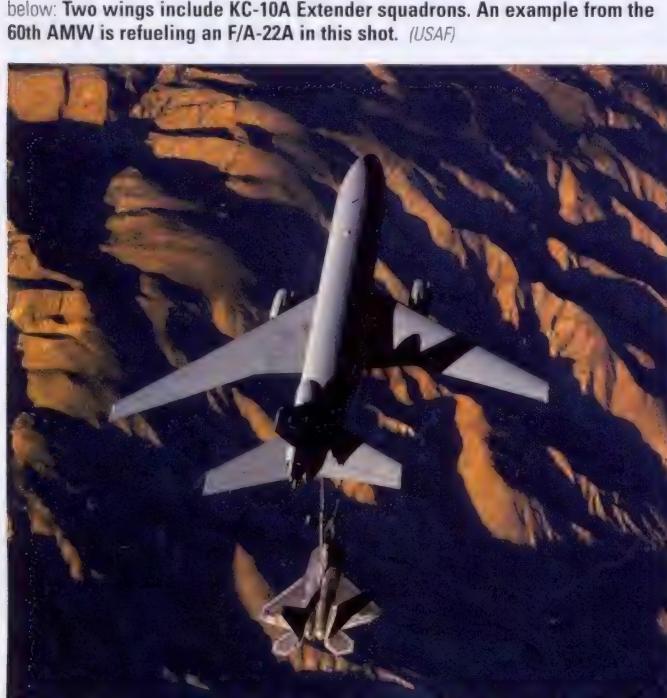
Component Unit	Location	Aircraft	Tail Code
305th AMW/OG	McGuire AFB, NJ	KC-10A	
2nd ARS 'Second to None'		C-17A	
6th AS 'Bully Beef Express'		KC-10A	
32nd ARS 'Capt Shreve Sqn'			
317th AG	Dyess AFB, TX	C-130H	
39th AS 'Trail Blazers'		C-130H	
40th AS 'Screaming Eagles'			
319th ARW/OG	Grand Forks AFB, ND	KC-135R/T	
905th ARS 'Rhinos'		KC-135R/T	
906th ARS 'Dakrats'		KC-135R/T	
911th ARS 'Red Eagles'		KC-135R/T	
912th ARS 'Vipers'		KC-135R/T	
375th AW/OG	Scott AFB, IL		
457th AS 'Wings of Command' (5)			
12th ALF 'General Delivery'	Andrews AFB, MD	C-21A, NC-21A	
54th AS	Langley AFB, VA	C-21A	
458th AS	Wright Patterson AFB, OH	C-21A	
84th ALF 'Pride of the Rockies'	Scott AFB, IL	C-21A	
311th ALF	Peterson AFB, CO	C-21A	
	Offutt AFB, NE	C-21A	
436th AW/OG	Dover AFB, DE	C-5A/B	
3rd AS		C-5A/B	
9th AS 'Pelicans'			
437th AW/OG	Charleston AFB, SC	C-17A	
14th AS 'Pelicans'		C-17A	
15th AS 'Global Eagles'		C-17A	
16th AS		C-17A	
17th AS 'AAA Moving'		C-17A	
463rd AG	Little Rock AFB, AR	C-130H3	
50th AS 'Red Devils'		C-130E	
61st AS 'Green Hornets'			

Eighteenth Air Force-gained ANG units

101st ARW/OG	Bangor IAP, ME	
132nd ARS 'Maineiacs'		KC-135E
105th AW/OG	Stewart IAP/ANGB, Newburgh, NY	
137th AS 'Fearless Ones'		C-5A
107th ARW/OG	Niagara Falls IAP/ARS, NY	
136th ARS 'New York's Finest'		KC-135R
108th ARW/OG (6)	McGuire AFB, NJ	
141st ARS 'Tigers'		KC-135E
150th ARS 'Bet on Us'		KC-135E
109th AW/OG	Schenectady County AP-Stratton ANGS, Scotia, NY	
139th AS 'Ravens'		C-130H2, LC-130H2/3, LC-130R

(5) - Squadron operates two C-21As on behalf of AFFSA

(6) - Wing also controls an AFSC-gained special operations flight



Air Mobility Command (AMC) — Scott AFB, IL

Component Unit	Location	Aircraft	Tail Code
Eighteenth Air Force-gained ANG units continued			
113th Wing/OG (7)	Andrews AFB, MD	C-38A, C-40C	
201st AS			
117th ARW/OG	Birmingham IAP/Sumpter Smith ANGB, AL	KC-135R	
106th ARS 'Rebels'			
118th AW/OG	Nashville IAP, TN	C-130H2	
105th AS 'Old Hickory'			
121st ARW/OG	Rickenbacker IAP/ANGB, Columbus, OH	KC-135R	
145th ARS 'Tazz'			
166th ARS 'Sluff'		KC-135R	
123rd AW/OG	Louisville IAP/Standiford Field, KY		
165th AS 'Thoroughbred Express'		C-130H2	
124th Wing/OG (7)	Boise Airport/Gowen Field, ID		
189th AS		C-130E	
126th ARW/OG	Scott AFB/MidAmerica Airport, IL		
108th ARS		KC-135E	
127th Wing/191st AG (7)	Selfridge ANGB, Mount Clemens, MI		
171st AS 'Six-Pack'		C-130E	
128th ARW/OG	Gen Mitchell IAP/ARS, Milwaukee, WI		
126th ARS		KC-135R	
130th AW/OG	Yeager Airport, Charleston, WV		
130th AS 'Mountaineers'		C-130H2/3	
133rd AW/OG	Minneapolis-St Paul IAP/ARS, MN		
109th AS		C-130H3	
134th ARW/OG	McGhee Tyson Airport/ANGB, Knoxville, TN		
151st ARS		KC-135E	
136th AW/OG	NAS JRB Fort Worth/Carswell Field, TX		
181st AS		C-130H2	
137th AW/OG	Will Rogers World Airport, Oklahoma City, OK		
185th AS		C-130H2	
139th AW/OG	Rosecrans Memorial Airport, St Joseph, MO		
180th AS		C-130H2	
140th Wing/OG (7)	Peterson AFB, Colorado Springs, CO		
200th AS 'Bobcats'		C-21A	
141st ARW/OG	Fairchild AFB, WA		
116th ARS 'Ace of Spades'		KC-135R, C-26B	
143rd AW/OG	Quonset State Airport, Providence, RI		
143rd AS 'Rhode Island Reds'		C-130E, C-130J	
145th AW/OG	Charlotte/Douglas IAP, NC		
156th AS 'First in Flight'		C-130H3	
146th AW/OG	NB Ventura County/Point Mugu-Channel Islands ANGS, CA		
115th AS		C-130E, C-130J	
151st ARW/OG (8)	Salt Lake City IAP, UT		
191st ARS 'Salty Guard'		KC-135E	
152nd AW/OG	Reno-Tahoe IAP/May ANGB, NV		
192nd AS 'High Rollers'		C-130H2	
153rd AW/OG	Cheyenne Regional Airport, WY		
187th AS		C-130H3	
155th ARW/OG	Lincoln MAP/ANGB, NE		
173rd ARS 'Huskers'		KC-135R	
156th AW/OG	Luiz Munoz Marin IAP/Muñiz ANGB, PR		
198th AS 'Buccaneers'		C-130E, UC-26C	
157th ARW/OG	Pease International Tradeport/ANGS, Portsmouth, NH		
133rd ARS 'Wildcats'		KC-135R	
161st ARW/OG	Phoenix Sky Harbor IAP, AZ		
197th ARS 'Copperheads'		KC-135R	
163rd ARW/OG	March ARB, CA		
196th ARS 'Grizzlies'		KC-135R	
164th AW/OG	Memphis IAP, TN		
155th AS 'Memphis Belle'		C-5A	
165th AW/OG	Savannah IAP, GA		
158th AS 'Savannah Guard Dogs'			C-130H2

(7) - Wing is ACC-gained

(8) - Wing will transition to the KC-135R

Air Mobility Command (AMC) — Scott AFB, IL

Component Unit	Location	Aircraft	Tail Code
Eighteenth Air Force-gained ANG units continued			
166th AW/OG	New Castle County Airport, DE		
142nd AS		C-130H2	
167th AW/OG	Eastern WV RAP/Shepherd Field, Martinsburg, WV		
167th AS		C-130H3	
171st ARW/OG	Pittsburgh IAP, PA		
146th ARS		KC-135R	
147th ARS		KC-135R	
172nd AW/OG	Jackson IAP/Allen C. Thompson Field, MS		
183rd AS 'Wings of the Deep South'		C-17A	
175th Wing/135th AG (7)	Martin State Airport/Warfield ANGB, Baltimore, MD		
135th AS 'Baltimore's Best'		C-130J	
179th AW/OG	Mansfield Lahm Airport, OH		
164th AS		C-130H2	
182nd AW/OG	Greater Peoria Regional AP, IL		
169th AS 'Peoria Air Guard'		C-130E/C-130H3	
184th ARW/OG	McConnell AFB, KS		
127th ARS 'Jayhawks'		KC-135R	
185th ARW/OG	Sioux Gateway AP/Col Bud Day Field, Sioux City, IA		
174th ARS 'Bats'		KC-135E	
186th ARW/OG	Meridian RAP - Key Field, MS		
153rd ARS 'Magnolia Militia'		KC-135R, C-26B	
190th ARW/OG (8)	Forbes Field Airport, Topeka, KS		
117th ARS 'Kansas Coyotes'		KC-135E/D	
AFRC Fourth Air Force — March ARB, CA — AMC-gained AFRC units			
349th AMW/OG (9)	Travis AFB, CA		
70th ARS		KC-10A	
79th ARS		KC-10A	
301st AS		C-5A/B/C	
312th AS		C-5A/B/C	
433rd AW/OG	Kelly Field, Lackland AFB, TX		
68th AS		C-5A	
434th ARW/OG	Grissom ARB, IN		
72nd ARS		KC-135R	
74th ARS		KC-135R	
445th AW/OG (10)	Wright Patterson AFB, OH		
89th AS 'Rhinos'		C-141C	
356th AS		C-141C	
446th AW/OG (9)	McChord AFB, WA		
97th AS		C-17A	
313th AS		C-17A	
728th AS 'Flying Knights'		C-17A	
452nd AMW/OG	March ARB, CA		
336th ARS		KC-135R	
729th AS 'Pegasus' (11)		C-141C	
459th ARW/OG	Andrews AFB, MD		
756th ARS		KC-135R	
507th ARW/OG	Tinker AFB, OK		
465th ARS 'Okies'		KC-135R	
931st ARG	McConnell AFB, KS		
18th ARS 'Kanza'		KC-135R	
916th ARW/OG	Seymour Johnson AFB, NC		
77th ARS 'Totin Tigers'		KC-135R	
927th ARW/OG	Selfridge ANGB, MI		
63rd ARS 'Flying Jennies'		KC-135R	
932nd AW/OG (12)	Scott AFB, IL		
73rd AS		C-9A	
939th ARW/OG	Portland International AP, OR		
64th ARS		KC-135R	
940th ARW/OG	Beale AFB, CA		
314th ARS 'Warhawks'		KC-135R	

(7) - Wing is ACC-gained, (8) - Wing will transition to the KC-135R

(9) - Associate unit shares aircraft with co-located active duty wing

(10) - Wing will transition to the C-17A

(11) - Squadron will transition to the C-17A

(12) - Wing will receive three C-40Cs

Air Mobility Command (AMC) — Scott AFB, IL

Component Unit	Location	Aircraft	Tail Code
AFRC Twenty-Second Air Force — Dobbins ARB, GA — AMC-gained AFRC units			
94th AW/OG	Dobbins ARB, GA		
700th AS (FTU)		C-130H2	
302nd AW/OG	Peterson AFB, CO		
731st AS		C-130H3	
315th AW/OG (9)	Charleston AFB, SC		
300th AS		C-17A	
317th AS 'First in Reserve'		C-17A	
701st AS 'Turtles'		C-17A	
403rd Wing/OG	Keesler AFB, MS		
53rd WRS 'Hurricane Hunters'		WC-130H/J	
815th AS 'Jennies'		C-130J	
439th AW/OG	Westover ARB, MA		
337th AS		C-5A	
440th AW/OG	General Mitchell IAP/ARS, Milwaukee, WI		
95th AS 'Flying Badgers'		C-130H	
512th AW/OG (9)	Dover AFB, DE		
326th AS 'Flying Bunnies'		C-5A/B	
709th AS		C-5A/B	
514th AMW/OG (9)	McGuire AFB, NJ		
76th ARS 'Freedom's Spirit'		KC-10A	
78th ARS		KC-10A	
732nd AS 'Rams'		C-17A	
908th AW/OG	Maxwell AFB, AL		
357th AS 'Deliverance'		C-130H2	
910th AW/OG	Youngstown-Warren RAP/ARS, OH		
757th AS 'Blue Tigers'		C-130H2	
773rd AS 'Quiet Professionals'		C-130H2	
911th AW/OG	Pittsburgh IAP/ARS, PA		
758th AS		C-130H2	
913th AW/OG	NAS JRB Willow Grove, PA		
327th AS		C-130E	
914th AW/OG	Niagara Falls IAP/ARS, NY		
328th AS		C-130H3	
934th OG/OG	Minneapolis-St Paul IAP/ARS, MN		
96th AS 'Flying Vikings'		C-130H2	

(9) - Associate unit shares aircraft with co-located active duty wing

left: The biggest of the lot — a C-5B Galaxy on the strength of the 60th AMW.
(Ted Carlson/Fotodynamics)

below: One of the District of Columbia ANG's new Boeing C-40Cs during a stopover at Sarajevo Airport in Bosnia-Herzegovina. The 201st Airlift Squadron is responsible for flying members of Congress and other dignitaries on government business overseas. (USAF)





left: Going vertical over the rugged Alaskan terrain, this 3rd Wing F-15C bears the markings of the 19th Fighter Squadron's commander. (Giampaolo Agostinelli)

right: The 3rd Wing at Elmendorf AFB boasts a squadron (the 90th FS) of F-15E Strike Eagles. (Mark Farmer)



PACIFIC AIR FORCES (PACAF)

As the USAF component of USPACOM, PACAF is responsible for air operations in the Pacific and Asian regions. The command's four numbered air forces are located in Japan, the Republic of Korea, Alaska, and Guam. A single airlift wing is assigned directly to PACAF headquarters, which is located at Hickam AFB, HI. The command's assets include approximately 300 fighter, intra-theater airlift, aerial refueling, airborne early warning and combat rescue aircraft. A pair of Air National Guard wings in Alaska and a third in Hawaii are also under PACAF control. Four major bases are under PACAF's direct control; however, several units are stationed at facilities owned by the air forces of Japan and the Republic of Korea.

PACAF Bases

Andersen AFB, Guam
Eielson AFB, AK

Elmendorf AFB, AK
Hickam RFB, HI



Fifth Air Force (5th AF)
Stationed at Yokota AB, Japan, the 5th AF is responsible for three wings based on Okinawa and the Japanese home Islands. These organizations include a large 'composite' wing and airlift and fighter wings.



Seventh Air Force (7th AF)
A pair of fighter wings are assigned to the 7th AF which is located at Osan AB, Republic of Korea (ROK). The command's units conduct air operations in the ROK and the Northwest Pacific region. The wings also support United Nations Command, US-ROK Combined Forces Command and US Forces Korea.



Eleventh Air Force (11th AF)
Tasked with defending the Northern Pacific, the 11th AF is the largest of PACAF's commands and maintains numerous bases and remote operating sites throughout Alaska. Its organizations include one fighter wing and a 'composite' wing, which operates fighters, tankers, transports and C2 aircraft. The command is currently responsible for three ANG wings in Alaska and Hawaii. The Hawaii-based organization will however transfer to the 13th AF later this year.



Thirteenth Air Force (13th AF)
Currently located at Andersen AFB, Guam, the 13th AF began relocating to Hickam AFB, HI, in May 2005, in support of PACOM's ongoing restructuring and transformation. Upon its arrival the command will assume responsibility for the 15th Airlift Wing at Hickam, which currently reports directly to PACAF headquarters. The command's area of operations (AO) is the largest in the USAF and stretches from the eastern coast of Africa to the western coast of South America.

Pacific Air Forces (PACAF) — Hickam AFB, HI

Component Unit	Location	Aircraft	Tail Code
15th AW/OG (1)	Hickam AFB, HI		
65th AS 'Special Missions Hawaii'		C-40B, C-37A	
Fifth Air Force — Yokota AB, Japan			
18th Wing/OG	Kadena AB, Okinawa, Japan		ZZ
31st RQS	Kadena AB, Okinawa	(PJ)s	
33rd RQS	Kadena AB, Okinawa	HH-60G	
Det 1	Osan AB, ROK	HH-60G	
44th FS 'Vampires'	Kadena AB, Okinawa	F-15C/D	
67th FS 'Fighting Cocks'	Kadena AB, Okinawa	F-15C/D	
909th ARS 'Young Tigers'	Kadena AB, Okinawa	KC-135R/T	
Det 1	Andersen AFB, Guam	KC-135R/T	
961st AACs 'Eyes of the Pacific'	Kadena AB, Okinawa	E-3B/C	
35th FW/OG	Misawa AB, Japan		WW
13th FS 'Panthers'		F-16C/D (Block 50)	
14th FS 'Samurais'		F-16C/D (Block 50)	
374th AW/OG	Yokota AB, Japan		YJ
36th AS 'Eagle Airlifters'		C-130E	
459th AS 'Orient Express'		C-21A, UH-1N	
Seventh Air Force — Osan AB, Republic of Korea			
8th FW/OG	Kunsan AB, ROK		WP
35th FS 'Pantons'		F-16C/D (Block 40)	
80th FS 'Juvals'		F-16C/D (Block 30)	
51st FW/OG	Osan AB, ROK		OS
25th FS 'Assam Dragons'		A/OA-10A	
36th FS 'Flying Fiends'		F-16C/D (Block 40)	
55th ALF 'Double Nickel'		C-12J	
Eleventh Air Force — Elmendorf AFB, AK			
3rd Wing/OG	Elmendorf AFB, AK		AK
12th FS 'Dirty Dozen'		F-15C/D	
19th FS 'Gamecocks'		F-15C/D	
90th FS 'Pair O'Dice'		F-15E	
517th AS 'Firebirds'		C-130H	
Det 1		C-12F/J	
962nd AACs 'Eyes of the Eagle'		E-3B/C	
354th FW/OG	Eielson AFB, AK		AK
18th FS 'Blue Foxes'		F-16C/D (Block 40)	
355th FS 'Flying Falcons'		A/OA-10A	
Eleventh Air Force-gained ANG units			
154th Wing/OG	Hickam AFB, HI		HH
199th FS		F-15A/B	
203rd ARS		KC-135R	
204th AS (2)		C-130H3	
168th ARW/OG	Eielson AFB, AK		
168th ARS		KC-135R	
176th Wing/OG	Ted Stevens Anchorage IAP/Kulis ANGB, AK		AN
144th AS	Anchorage IAP/Kulis ANGB	C-130H2	
210th RQS	Anchorage IAP/Kulis ANGB	HH-60G	
Det 1	Eielson AFB, AK	HH-60G	
211th RQS	Anchorage IAP/Kulis ANGB	HC-130N	
212th RQS	Anchorage IAP/Kulis ANGB	(PJ)s	
Thirteenth Air Force — Andersen AFB, Guam (3)			
36th AEW	Andersen AFB, Guam		
Rotational Units			
(1) - Wing will be assigned to the 13th Air Force and 535th will be activated to operate the C-17A			
(2) - Squadron will transition to the C-17A			
(3) - Thirteenth Air Force will relocate to Hickam AFB, HI			

UNITED STATES AIR FORCES IN EUROPE (USAFE)

Headquartered at Ramstein AB, Germany, USAFE serves as the air force component of EUCOM. Its AOR includes Iceland, Europe, the Mediterranean, Middle East and Africa and comprises 93 countries. The command is responsible for two numbered air forces.



Third Air Force (3rd AF)

Currently, the 3rd AF's four wings include fighter and air refueling wings in England along with a second fighter wing and an airlift wing in Germany. A composite group in Iceland was recently realigned as part of the 48th Fighter Wing. Its assets include more than 200 aircraft.

Headquartered at RAF Mildenhall, UK, the command is responsible for all USAF operations and activities north of the Alps and supports Regional Headquarters Allied Forces Northern Europe (RHQ AFNORTH) and Allied Air Forces North (AIRNORTH). As part of EUCOM's ongoing transformation, the German-based fighter wing will likely be relocated.



Sixteenth Air Force (16th AF)

Tasked with supporting Regional Headquarters Allied Forces Southern Europe (RHQ AFSOUTH) and Allied Air Forces South (AIR-SOUTH), the 16th AF is responsible for USAFE operations in Southern Europe. The command headquarters is located at Aviano AB, Italy, alongside its only fighter wing. A composite wing based in Turkey and staffed by units deployed on temporary duty is also assigned. Less than 50 aircraft are permanently on the strength of the command.

United States Air Forces in Europe (USAFE) Ramstein AB, Germany

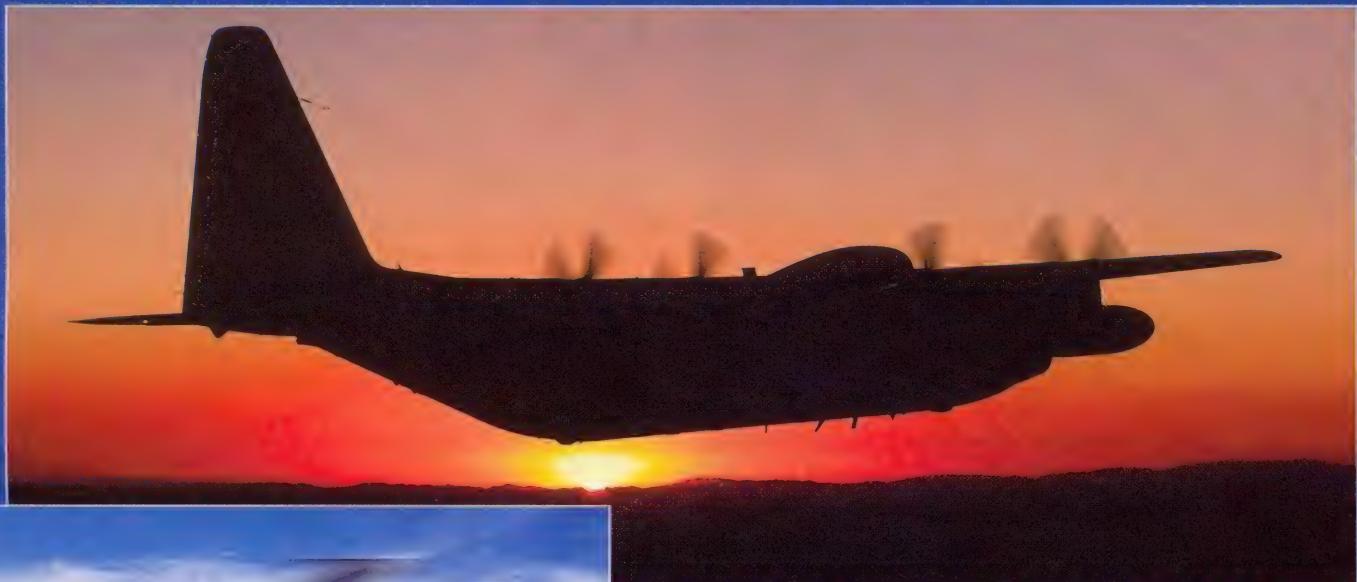
Component Unit	Location	Aircraft	Tail Code
Third Air Force — RAF Mildenhall, UK			
48th FW/OG	RAF Lakenheath, UK		LN
492nd FS 'Maddhatters'		F-15E	
493rd FS 'Grim Reapers'		F-15C/D	
494th FS 'Panthers'		F-15E	
85th Group	NAS Keflavik, Iceland		
56th RQS 'Friends in Low Places'		HH-60G	IS
85th OS		TDY F-15/F-16, HC-130, KC-135	
52nd FW/OG	Spangdahlem AB, Germany		SP
22nd FS 'Stingers'		F-16C/D (Block 50)	
23rd FS 'Fighting Hawks'		F-16C/D (Block 50)	
81st FS 'Panthers'		A/OA-10A	
86th AW/OG	Ramstein AB, Germany		
37th AS 'Bluetail Flies'	Ramstein AB, Germany	C-130E	
76th AS 'SAM Europe'	Ramstein AB, Germany	C-9A, C-20H, C-21A	
309th AS	Chievres AB, Belgium	C-37A	
38th AS(P)	Ramstein AB, Germany	Rotational C-130s	
100th ARW/OG	RAF Mildenhall, UK		
351st ARS		KC-135R	
Sixteenth Air Force — Aviano AB, Italy			
31st FW/OG	Aviano AB, Italy		AV
510th FS 'Buzzards'		F-16C/D (Block 40)	
555th FS 'Triple Nickel'		F-16C/D (Block 40)	
39th Wing/OG	Incirlik AB, Turkey		
Rotational Units			

above left: A relatively recent delivery to USAFE's primary VIP transport squadron, the 76th AS at Ramstein AB, is this C-20H. (Ben Dunnell)

left: USAFE's sole UK-based combat aircraft are the F-15Es of the 48th FW at RAF Lakenheath. These aircraft from the 494th FS are approaching to land at their home base. (Jamie Hunter/Aviacom)

RESERVES

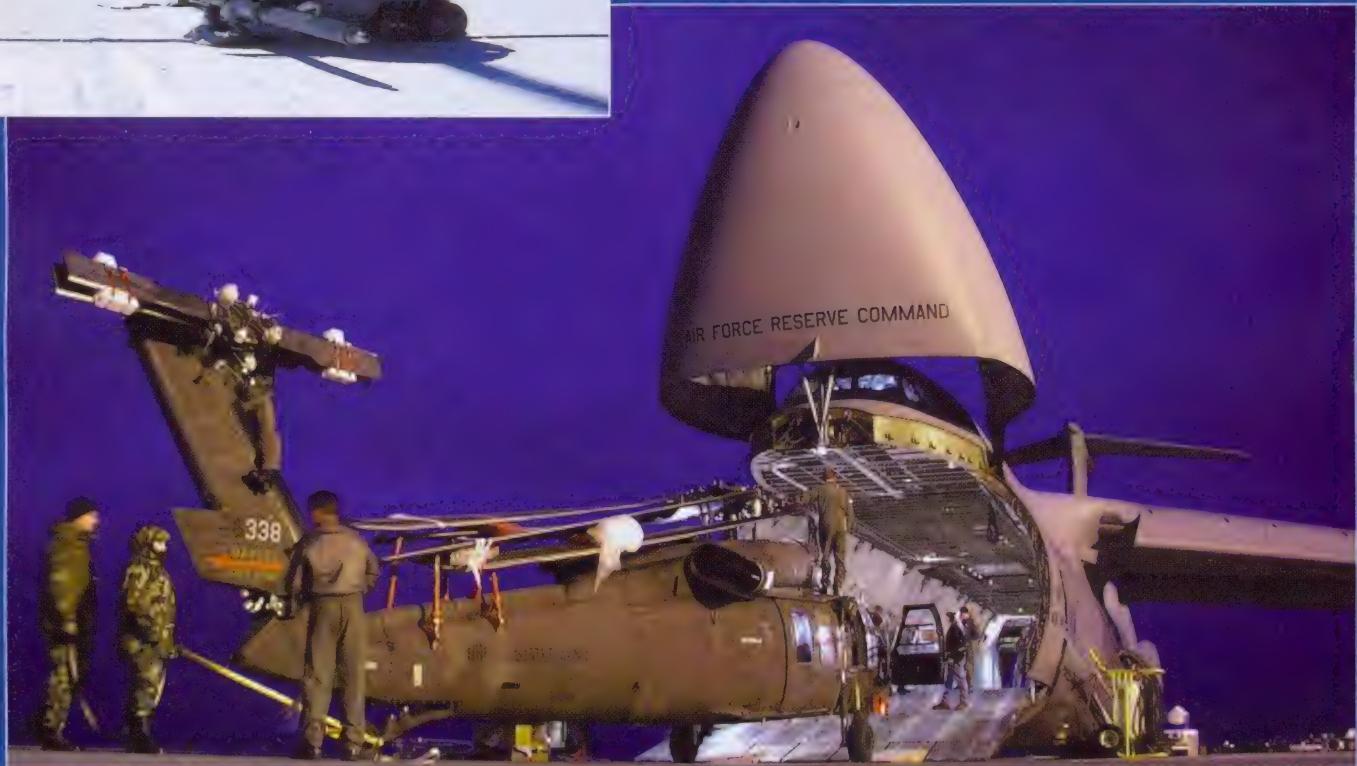
At times of national or global crisis, the USAF can call upon the assets it holds in reserve, either as part of Air Force Reserve Command (AFRC) or the Air National Guard (ANG). Both maintain an intensive training program at all times, to ensure that aircraft and personnel are always 'ready for action'. This spread depicts just a few of the aircraft types used by AFRC and the ANG



above: An HC-130P Hercules from the 129th Rescue Squadron, California ANG.
(Ted Carlson/Fotodynamics)

left: This HH-60G Pave Hawk of the 210th Rescue Squadron, Alaska ANG is pictured in a typical habitat for its home state — on the Mount Spur volcano. (Mark Farmer)

below: Two squadrons of Air Force Reserve Command fly C-5A Galaxy transports and are gained by Air Mobility Command if necessary. (Mark Farmer)



ON GUARD



Four A-10A Thunderbolt IIs from the 172nd FS, Michigan ANG.
(Ted Carlson/Fotodynamics)



above: An F-15A Eagle from the 110th FS, part of the Missouri ANG (its SL tailcode denoting the unit's base in St Louis) firing flares.
(Jim Haseltine)

below: Nice glasses! An F-16 pilot from the South Dakota ANG shows off his night vision goggles.
(Jim Haseltine)



A quartet of F-15s from the 122nd FS, Louisiana ANG flying over downtown New Orleans. *(Giampaolo Agostinelli)*

AIR FORCE RESERVE COMMAND (AFRC)

Controlling three numbered air forces, the USAF's ninth major command is also its youngest, having been established in 1997. AFRC units operate their own fleet of approximately 450 combat and support aircraft. Additionally, as part of the Reserve Associate Program, AFRC personnel fly and maintain approximately 300 aircraft that are shared with, but 'owned' by, active duty units. When mobilized, the command's 40 flying wings and groups are assigned to other USAF's Major Commands. AFRC is responsible for six major bases and headquartered at Robins AFB, GA.

AFRC Bases

Dobbins ARB, GA
Grissom ARB, IN
Homestead ARB, FL

March ARB, CA
Dobbins ARB, GA
Westover ARB, MA



Fourth Air Force (4th AF)

Headquartered at March ARB, CA, the 4th AF is primarily equipped with aerial refueling and inter-theater airlift aircraft. When mobilized, the command's 14 airlift and aerial refueling wings/groups are gained by AMC. The organization includes three 'reserve associate units'. All of AFRC's tanker units report to the 4th AF and the USAF's remaining C-141C transports are all assigned to the command.



Tenth Air Force (10th AF)

Responsible for the fighter, flying training, and special operations units gained by ACC, AETC and AFSOC, the 10th AF controls 13 reserve wings/groups including seven fighter wings, an 'associate' AWACS group, the reserves' only bomber squadron, a combat rescue wing and its subordinate rescue group, and a special operations wing. This command also controls an 'associate' flying training group that provides flight instructors at each of AETC's training bases. Additionally, an AETC-gained 'associate' fighter squadron supports training at Luke AFB, AZ. A second such outfit supports ACC's operational training at four locations. The command's headquarters is located at NAS Fort Worth JRB/Carswell Field, TX.

Air Force Reserve Command (AFRC)

Summary of AFRC Wings by Air Force and Gaining Command

4th AF — March ARB, CA

349th AMW	AMC
433rd AW	AMC
434th ARW	AMC
445th AW	AMC
446th AW	AMC
452nd AMW	AMC/AFMC
459th ARW	AMC
507th ARW	AMC
931st ARG	AMC
916th ARW	AMC
927th ARW	AMC
932nd AW	AMC
939th ARW	AMC
940th ARW	AMC

10th AF — NAS JRB Fort Worth/Carswell Field, TX

301st FW	ACC
419th FW	ACC
442nd FW	ACC
482nd FW	ACC
340th FTG	AETC
513th ACG	ACC

10th AF — NAS JRB Fort Worth/Carswell Field, TX

917th Wing	ACC
919th SOW	AFSOC
920th RQW	AFSOC
926th FW	ACC
944th FW	ACC/AETC
94th AW	AMC
302nd AW	AMC
315th AW	AMC
403rd Wing	AMC
413th FTG	AFMC
439th AW	AMC
440th AW	AMC
512th AW	AMC
514th AMW	AMC
908th AW	AMC
910th AW	AMC
911th AW	AMC
913th AW	AMC
914th AW	AMC
934th AW	AMC

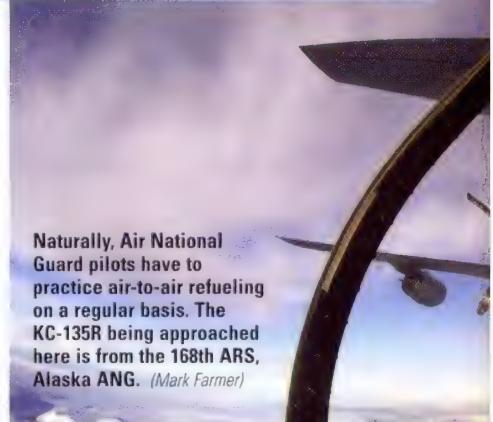


Twenty-Second Air Force (22nd AF)

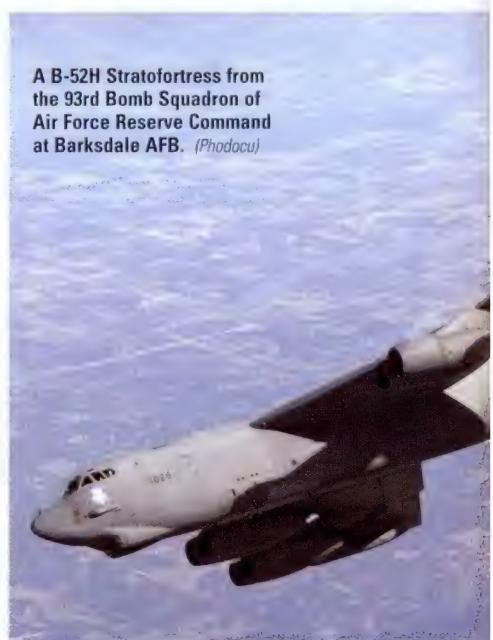
AFRC's entire C-130 tactical airlift fleet is under the cognizance of the 22nd AF, which is headquartered at Dobbins ARB, GA. The intra-theater airlifter is operated by 10 of the command's 14 wings. The remaining organizations, which include three 'associate' wings, operate larger long-range inter-theater transports. Additionally, the command is responsible for an 'associate' flight test group that supports AFMC operations at eight locations.



above: These three aircraft depict part of the variety of types typically operated by a single Air National Guard, in this case the Michigan ANG — an F-16C heads an A-10A and a C-130E.
(Ted Carlson/
Fotodynamics)



Naturally, Air National Guard pilots have to practice air-to-air refueling on a regular basis. The KC-135R being approached here is from the 168th ARS, Alaska ANG. (Mark Farmer)



A B-52H Stratofortress from the 93rd Bomb Squadron of Air Force Reserve Command at Barksdale AFB. (Photocu)

AIR NATIONAL GUARD (ANG)

Considered a field operating agency (FOA), the ANG is administered by the National Guard Bureau in Arlington, VA, and the ANG Readiness Center at Andrews AFB, MD. ANG flying units are assigned to 88 wings and located in each of the 50 states, the District of Columbia, and the territory of Puerto Rico. The organizations augment the active duty USAF by supporting operations and exercises worldwide. Assigned both state and federal missions, the units normally report to the state governor (or, in the case of the District of Columbia, the President) via a joint forces headquarters and the Adjutant General (AG). Upon being mobilized for federal duty they are assigned to a

combatant command. The ANG operates nearly 1,200 aircraft, representing approximately 34% of the total air force fleet, and provides the USAF with the following capabilities:

Manned Interceptors	100%
Theater Airlift	49%
Combat Rescue	21%
C2ISR (JSTARS)	50%
General Purpose Fighters	32%
Tactical Air Support	16%
KC-135 Tankers	43%
Strategic Airlift	11%
Special Operations	6%



Air National Guard (ANG)

Summary of ANG Wings by Air Force and Gaining Command

1st AF — Tyndall AFB, FL	18th AF — Scott AFB, IL
102nd FW	ACC
119th FW	ACC
120th FW	ACC
125th FW	ACC
142nd FW	ACC
144th FW	ACC
147th FW	ACC
148th FW	ACC
158th FW	ACC
177th FW	ACC
8th AF — Barksdale AFB, LA	113th Wing**
116th ACW*	ACC
9th AF — Shaw AFB, SC	126th ARW
103rd FW	ACC
104th FW	ACC
110th FW	ACC
111th FW	ACC
113th Wing**	127th Wing**
122d FW	ACC
127th Wing**	128th ARW
169th FW	ACC
174th FW	ACC
175th Wing**	130th AW
180th FW	ACC
181st FW	ACC
187th FW	ACC
192nd FW	ACC
12th AF — Davis Monthan AFB, AZ	133rd ARW
114th FW	ACC
115th FW	ACC
124th Wing	ACC
131st FW	ACC
132nd FW	ACC
138th FW	ACC
140th Wing**	134th ARW
150th FW	ACC
159th FW	ACC
183rd FW	ACC
188th FW	ACC
19th AF — Randolph AFB, TX	136th AW
149th FW	ACC
162d FW	ACC
173rd FW	ACC
178th FW	ACC
189th AW	ACC
AFSOC — Hurlburt Field, FL	137th AW
106th RQW	AFSOC
129th RQW	AFSOC
193rd SOW	AFSOC
11th AF — Elmendorf AFB, AK	138th AW
154th Wing	PACAF
168th ARW	PACAF
176th Wing	PACAF

* — Blended unit

** — Wing controls squadrons assigned to ACC and AMC

ON DEPL



The USAF's combat and support assets have been busier than ever in recent years, taking part in combat, peacekeeping and humanitarian relief operations around the world as well as the regular program of exercises. Here are some examples of the USAF at work in a variety of theaters

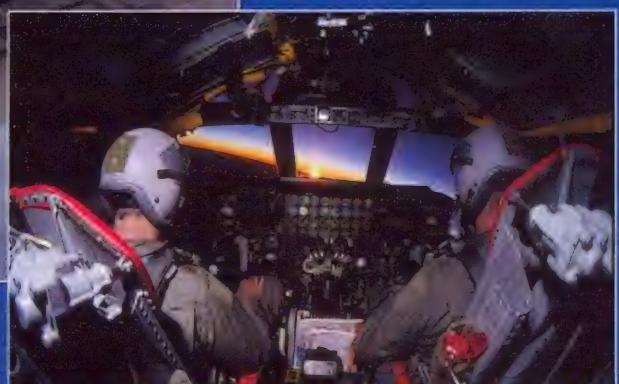
left: A C-5B Galaxy from the 436th AW at Dover AFB seen through a smashed window at Baghdad International Airport. (USAF)

below: One KC-10A Extender lines up to take on fuel from another while engaged on operations over Iraq with the 908th Expeditionary Air Refueling Squadron. (USAF)



left: A B-2 Spirit bomber lines up behind a KC-135 Stratotanker during a deployment to Andersen AFB, Guam, where a continuous bomber rotation is maintained. (USAF)

below: A view from the cockpit of a B-52H on exercise over the Nellis AFB range complex. (Mark Farmer)





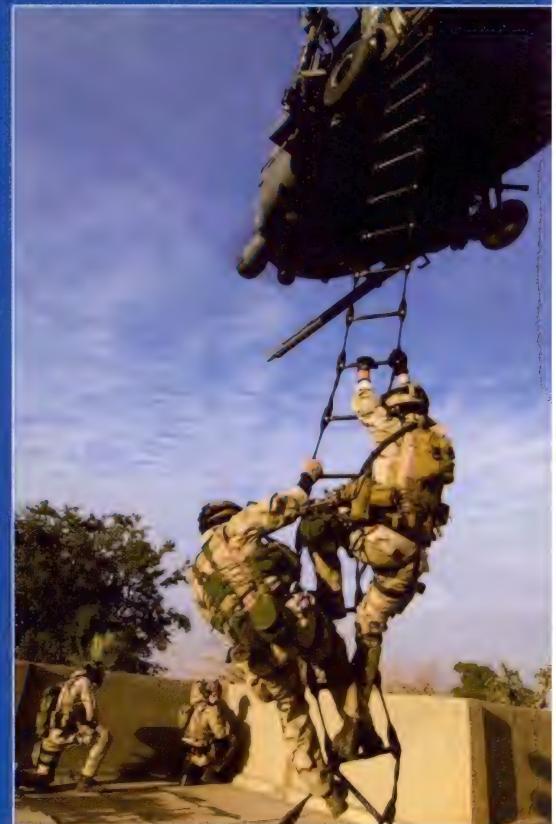
left: C-17As have been maintaining a heavy tempo of operations into Iraq. Here, two are preparing to depart the base at Balad. (USAF)

below: A New York ANG LC-130H Hercules sits at Amundsen-Scott South Pole Station in Antarctica while crews unload fuel and cargo during a mission as part of Operation 'Deep Freeze'. (USAF)



above: An F-15E Strike Eagle prepares to refuel during an offensive sortie over Iraq. (USAF)

below: USAF pararescue personnel from the 64th Expeditionary Rescue Squadron being extracted from an abandoned housing site in Baghdad by an HH-60G Pave Hawk helicopter. (USAF)



USAF DATAFILE

▪ USAF Air Bases ▪ USAF Base Map ▪ Aircraft Types ▪ Tail Codes ▪ Abbreviations ▪

USAF AIR BASES WORLDWIDE

Abraham Lincoln Capital AP, Springfield, IL (ANG)
Anchorage IAP - Kulik ANGB, AK (ANG)
Altus AFB, OK (AETC)
Andrews AFB, MD (AMC)
Atlantic City IAP/ANGB, NJ (ANG)
Bangor IAP, ME (ANG)
Barksdale AFB, LA (ACC)
Beale AFB, CA (ACC)
Birmingham IAP, AL (ANG)
Boise Airport - Gowen Field, ID (ANG)
Bradley IAP/ANGB, CT (ANG)
Buckley AFB, CO (AFSPC)
Burlington IAP, VT (ANG)
Cannon AFB, NM (ACC)
Charleston AFB, SC (AMC)
Charlotte/Douglas IAP, NC (ANG)
Cheyenne Regional AP, WY (ANG)
Columbia MAP/McEntire ANGS, SC (ANG)
Columbus AFB, MS (AETC)
Dane County RAP-Truax Field, WI (ANG)
Davis Monthan AFB, AZ (ACC)
Des Moines IAP, IA (ANG)
Dobbins ARB, GA (AFRC)
Dover AFB, DE (AMC)
Duke Field AS, FL (AFSOC)
Duluth IAP/ANGB, MN (ANG)
Dyess AFB, TX (ACC)
Eastern WV RAP, WV (ANG)
Edwards AFB, CA (AFMC)
Eglin AFB, FL (AFMC)
Eielson AFB, AK (PACAF)
Ellington Field/ANGB, TX (ANG)
Ellsworth AFB, SD (ACC)
Elmendorf AFB, AK (PACAF)
Fairchild AFB, WA (AMC)
Forbes Field AP, KS (ANG)
Fort Smith RAP/Ebbing ANGB, AR (ANG)
Fort Wayne IAP, IN (ANG)
Francis. E. Warren AFB, WY (AFSPC)
Francis. S. Gabreski AP, NY (ANG)
Fresno-Yosemite IAP/ANGB, CA (ANG)
Gen. Mitchell IAP/ARS, WI (AFRC)
Grand Forks AFB, ND (AMC)
Greater Peoria RAP, IL (ANG)
Great Falls IAP, MT (ANG)
Grissom ARB, IN (AFRC)
Harrisburg IAP, PA (ANG)
Hector IAP, ND (ANG)

Hickam AFB, HI (PACAF)
Hill AFB, UT (AFMC)
Holloman AFB, NM (ACC)
Homestead ARB, FL (AFRC)
Hurlburt Field, FL (AFSOC)
Indian Springs AFAF, NV (ACC)
Jackson IAP, MS (ANG)
Keeler AFB, MS (AFRC)
Kirtland AFB, NM (AETC)
Klamath Falls IAP-Kingsley Field, OR (ANG)
Lackland AFB/Kelly Field, TX (AETC)
Lambert-St Louis IAP, MO (ANG)
Langley AFB, VA (ACC)
Laughlin AFB, TX (AETC)
Lincoln MAP/ANGB, NE (ANG)
Little Rock AFB, AR (AMC)
Los Angeles AFB, CA (AFSPC)
Louisville IAP, KY (ANG)
Lowe AHP, AL (AETC)
Luiz Munoz Marin IAP, Puerto Rico (ANG)
Luke AFB, AZ (AETC)
MacDill AFB, FL (AMC)
Malmstrom AFB, MT (AFSPC)
Mansfield Lahm AP, OH (ANG)
March ARB, CA (AFRC)
Martin State AP/Warfield ANGB, MD (ANG)
Maxwell AFB, AL (AETC)
McChord AFB, WA (AMC)
McConnell AFB, KS (AMC)
McGhee Tyson AP/ANGB, TN (ANG)
McGuire AFB, NJ (AMC)
Memphis IAP, TN (ANG)
Meridian RAP-Key Field, MS (ANG)
Minneapolis-St Paul IAP/ARS, MN (ANG)
Minot AFB, ND (ACC)
Moffett Federal AP, CA (ANG)
Montgomery RAP-Dannelly Field, AL (ANG)
Moody AFB, GA (AFSOC)
Mountain Home AFB, ID (ACC)
NAS Ft Worth JRB-Carswell Field, TX (ANG)
NAS New Orleans JRB, LA (ANG/AFRC)
NAS Whidbey Island, WA (ACC)
NAS Willow Grove JRB, PA (ANG/AFRC)
Nashville IAP, TN (ANG)
NB Ventura County, CA (ANG)
Nellis AFB, NV (ACC)
New Castle County AP, DE (ANG)
Niagara Falls IAP/ARS, NY (AFRC/ANG)
Offutt AFB, NE (ACC)

Otis ANGB, MA (ANG)
Palmdale AP/AF Plant 42 (AFMC)
Patrick AFB, FL (AFSPC)
Pease Int'l Tradeport, NH (ANG)
Peterson AFB, CO (AFSPC)
Pittsburgh IAP/ARS, PA (AFRC/ANG)
Pope AFB, NC (AMC)
Portland IAP/ANGB, OR (ANG)
Qonset State AP, RI (ANG)
Randolph AFB, TX (AETC)
Reno-Tahoe IAP, NV (ANG)
Richmond IAP-Byrd Field, VA (ANG)
Rickenbacker IAP/ANGB, OH (ANG)
Robins AFB, GA (AFMC)
Rosecrans MAP, MO (ANG)
Richmond IAP-Byrd Field, VA (ANG)
Salt Lake City IAP, UT (ANG)
Savannah IAP, GA (ANG)
Schenectady CAP/Stratton ANGS, NY (ANG)
Schriever AFB, CO (AFSPC)
Scott AFB-MidAmerica AP, IL (AMC)
Selfridge ANGB, MI (ANG)
Seymour Johnson AFB, NC (ACC)
Shaw AFB, SC (ACC)
Sheppard AFB, TX (AETC)
Sioux Falls RAP-Joe Foss Field, SD (ANG)
Sioux Gateway AP, IA (ANG)
Sky Harbor IAP, AZ (ANG)
Springfield-Beckley MAP, OH (ANG)
Stewart IAP/ANGB, NY (ANG)
Syracuse/Hancock IAP, NY (ANG)
Terre Haute IAP-Hulman field, IN (ANG)
Tinker AFB, OK (AFMC)
Toledo Express AP, OH (ANG)
Travis AFB, CA (AMC)
Tucson IAP, AZ (ANG)
Tulsa IAP, OK (ANG)
Tyndall AFB, FL (AETC)
US Air Force Academy, CO (DRU)
Vance AFB, OK (AETC)
Vandenberg AFB, CA (AFSPC)
W.K. Kellogg AP, MI (ANG)
Westfield-Barnes AP/ANGB, MA (ANG)
Westover ARB, MA (AFRC)
Whiteman AFB, MO (ACC)
Will Rogers World AP, OK (ANG)
Wright Patterson AFB, OH (AFMC)
Yeager Airport, WV (ANG)
Youngstown-Warren RAP/ARS, OH (AFRC)

James Haseltine



OVERSEAS

Akrotiri AB, Cyprus
Andersen AFB, Guam (PACAF)
Aviano AB, Italy (USAFAF)
Chievres AB, Belgium (USAFAF)
Kadena AB, Japan (PACAF)
Kunsan AB, Republic of Korea
Icincirlik AB, Turkey (USAFAF)
Lajes Field, Azores (ACC)
Misawa AB, Japan (PACAF)
NAS Keflavik, Iceland (USAFAF)
Osan AB, Republic of Korea (PACAF)
RAF Lakenheath, England (USAFAF)
RAF Mildenhall, England (USAFAF)
Ramstein AB, Germany (USAFAF)
Souda Bay AB, Crete
Spangdahlem AB, Germany (USAFAF)
Stuttgart AAF, Germany (USAFAF)

ACTIVE-DUTY USAF AIR BASES WITHIN THE USA



Combat Aircraft Special

USAF DATAFILE

AIRCRAFT IN USAF SERVICE

Aero	L-39C Albatros (leased)	General Dynamics/Gulfstream Aerospace
Antonov	An-26 (leased)	C-20A/B/C Gulfstream III
Bell Helicopter Textron (Bell)	UH-1H/N Iroquois	C-20H Gulfstream IV
Bell Helicopter Textron/Boeing Company	CV-22B Osprey	C-37A Gulfstream V
Boeing Company	B-52H Stratofortress	
	C-135C/E, NC-135B/E/W, OC-135B,	C-38A Astra
	RC-135S/U/V/W, TC-135S/W, WC-135C/W	TG-14A
	C-17A Globemaster III	TG-10B/C/D
	C-25A	AC-130H/U,
	C-32A/B	C-130E/H/J,
	C-40B/C	EC-130E/H/J,
	E-3B/C Sentry	HC-130H/N/P,
	E-4B	LC-130H/R,
	YAL-1A	MC-130E/H, MC-130N/P,
	TC-18E	NC-130E/H,
	KC-135D/E/R/T Stratotanker	TC-130H, WC-130H/J Hercules
	T-43A, CT-43A	C-141C Starlifter
Boeing Company (McDonnell Douglas)	C-9A,	C-5A/B/C Galaxy
	VC-9C Nightingale	F/A-22A Raptor
	F-15A/B/C/D Eagle	U-2S, TU-2S
	F-15E Strike Eagle	YF/F-117A Nighthawk
	KC-10A Extender	
	QF-4E/G Phantom II	
Boeing Company (Rockwell International)	B-1B Lancer	
Bombardier Aerospace (de Havilland Canada)	E-9A	Lockheed Martin (Fairchild Republic) OA/A-10A Thunderbolt II
Bombardier Aerospace (Learjet Inc)	UV-18A/B Twin Otter	Lockheed Martin (General Dynamics) F-16A/B(ADF),
Cessna Aircraft	NC/C-21A Learjet	F-16A/B/C/D Fighting Falcon
	Cessna 150M, 172	Northrop Grumman TE-8A, E-8C Joint STARS
	T-37B Tweet	Northrop Grumman (Northrop) B-2A Spirit
	T-41D	
Diamond Aircraft	DA20-C1 Falcon (leased)	T-38A, AT-38B, T-38C Talon
EADS (CASA)	C-41A	RQ-4A Global Hawk
EADS	CN235-100	UV-20A Chiricua
Fairchild Aerospace	C-26B, UC-26C	Raytheon Aircraft (Beech Aircraft) C-12C/D/F/J Huron
General Atomics Aeronautical Systems	RQ-1K/L,	T-1A Jayhawk
	MQ-1L Predator A	T-6A Texan II
	MQ-9A Predator B	Raytheon Aircraft (British Aerospace) C-29A (BAe 125-800)
		TG-15A/B
		HH-60G Pavehawk
		NCH-53A Sea Stallion,
		MH-53J/M Pave Low III/IV

USAF TAIL CODES

Tail Code	Unit	Location	Aircraft	Command	Tail Code	Unit	Location	Aircraft	Command
AC	177th FW	Atlantic City IAP/ANGB, NJ	F-16C	ANG	HD	53rd WEG Det 1	Holloman AFB, NM	QF-4E/G	ACC
AF	306th FTG	US Air Force Academy, CO	TG-10B/C/D, TG-14A, UV-18A/B, DA20-C1	USAF	HI	419th FW	Hill AFB, UT	F-16C	AFRC
AK	3rd Wing	Elmendorf AFB, AK	F-15C/D, F-3B/C, C-12F/J, C-130H	PACAF	HL	388th FW	Hill AFB, UT	F-16C/D	ACC
AK	354th FW	Eielson AFB, AK	A/0A-10A, F-16C/D	PACAF	HO	49th FW	Holloman AFB, NM	F-117A, T-38A	ACC
AL	187th FW	Montgomery RAP/Dannelly Field, AL	F-16C/D	ANG	HT	46th TESTG	Holloman AFB, NM	AT-38B, C-12J	AFMC
AN	176th Wing	Anchorage IAP/Kulis ANGB, AK	C/HC-130H, HH-60G	PACAF	HV	30th SPW	Vandenberg AFB, CA	UH-1N	AFSPC
AV	31st FW	Aviano AB, Italy	F-16C/D	USAF	IA	132nd FW	Des Moines IAP, IA	F-16C	ANG
AZ	162nd FW	Tucson IAP, AZ	F-16A/B/C/D	AETC	ID	124th Wing	Boise Airport/Gowen Field, ID	A/0A-10A	ANG
BB	9th FW	Beale AFB, CA	U-2S, T-38A, RQ-4A	ACC	IS	85th Group	NAS Keflavik, Iceland	HH-60G	USAFE
BC	110th FW	W.K. Kellogg Airport/ Battle Creek ANGB, MI	A/0A-10A	ANG	JZ	159th FW	NAS JRB New Orleans, LA	F-15A/B	ANG
BD	917th Wing	Barksdale AFB, LA	A/0A-10A, B-52H	AFRC	KC	442nd FW	Whiteman AFB, MO	A/0A-10A	AFRC
(CA)	129th ROW	Moffett Federal Airport ANGS, CA	HC/MC-130P, HH-60G	ANG	KS	314th AW 45th AS	Keesler AFB, MS	C-21A	AEETC
CB	14th FTW	Columbus AFB, MS	T-1A, T-37B, T-38C	AETC	LA	2nd BW	Barksdale AFB, LA	B-52H	ACC
CC	27th FW	Cannon AFB, NM	F-16C/D	ACC	LD	17th TRW	Lackland AFB, TX	Misc training airframes	AEETC
CO	140th Wing	Buckley ANGB, Aurora, CO	F-16C	ANG	LF	56th FW	Luke AFB, AZ	F-16A/B/C/D	AEETC
CT	103rd FW	Bradley IAP/ANGB, Windsor Locks, CT	A/0A-10A	ANG	(LI)	106th RQW	Francis Gabreski AP/ ANGB, Westhampton Beach, NY	HC-130H/P, HH-60G	ANG
DC	113th Wing	Andrews AFB, MD	F-16C	ANG	LN	48th FW	RAF Lakenheath, UK	F-15C/D/E	USAFE
DM	355th Wing	Davis Monthan AFB, AZ	A/0A-10A	ACC	LR	944th FW	Lake AFB, AZ	F-16C	AFRC
DM	55th ECG	Davis Monthan AFB, AZ	EC-130H	ACC	MA	102nd FW	Otis ANGB, MA	F-15A/B	ANG
(DM)	563rd RQG	Davis Monthan AFB, AZ	HC-130P, HH-60G	AFSOC	MD	104th FW	Westfield/Barnes Airport/ANGB, MA	A/0A-10A	ANG
(DR)	305th ROS	Davis Monthan AFB, AZ	HH-60G	AFRC	MF	175th Wing	Martin State Airport/ Warfield ANGB, Baltimore, MD	A/0A-10A	ANG
DY	7th BW	Dyess AFB, TX	B-1B	ACC	MI	645th MATS Det 2	Greenville MAP, TX	NC-135W	AFMPC
ED	412th TW	Edwards AFB, CA	Misc types	AFMC	MM	127th Wing	Selfridge ANGB, Mount Clemens, MI	F-16C	ANG
EF	147th FW	Ellington Field/ANGB, Houston, TX	F-16C	ANG	MN	341st SPW	Malmstrom AFB, MT	UH-1N	AFSPC
EG	33rd FW	Eglin AFB, FL	F-15C/D	ACC	MO	148th FW	Duluth IAP, MN	F-16C/D	ANG
EL	28th BW	Elsworth AFB, SD	B-1B	ACC	MT	366th FW	Mountain Home AFB, ID	F-16C/D, F-15C/D/E	ACC
EN	80th FTW	Sheppard AFB, TX	T-37B, T-38A, AT-38B	AETC	MT	5th BW	Minot AFB, ND	B-52H	ACC
ET	46th FW	Eglin AFB, FL	Misc types	AFMC	MT	91st SPW	Minot AFB, ND	UH-1N	AFSPC
FE	90th SPW	F.E. Warren AFB, WY	UH-1N	AFSPC	(MY)	347th RQW	Moody AFB, GA	HC-130P, HH-60G	AFSOC
FF	1st FW	Langley AFB, VA	F-15C/D	ACC	MY	479th FTG	Moody AFB, GA	T-6A, T-38C	AETC
(FL)	125th FW	Jacksonville IAP, FL	F-15A/B	ANG	ND	119th FW	Hector IAP, ND	F-16A/B (ADF)	ANG
(FL)	920th ROW	Patrick AFB, FL	HC-130NP, HH-60G	AFRC	NM	150th FW	Kirtland AFB, NM	F-16C/D	ANG
FM	482nd FW	Homestead AFB, FL	F-16C	AFRC	NO	926th FW	NAS JRB New Orleans, LA	A/0A-10A	AFRC
FS	188th FW	Fort Smith RAP/Ebbing ANGB, AR	F-16C	ANG	NY	174th FW	Syracuse Hancock IAP, NY	F-16C	ANG
FT	23rd FG	Pope AFB, NC	A/0A-10A	ACC	OF	55th Wing	Offutt AFB, NE	OC/RC/TC/ WC-135	ACC
FW	122nd FW	Fort Wayne IAP, IN	F-16C	ANG	OH	178th FW	Springfield-Beckley MAP, OH	F-16C/D	ANG
GA	116th ACW	Robins AFB, GA	TE-8A, E-8C	ACC	OH	180th FW	Toledo Express Airport, OH	F-16C	ANG
					OK	552nd ACW	Tinker AFB, OK	E-38/C, TC-18E	ACC
					OK	138th FW	Tulsa IAP, OK	F-16C	ANG

USAF DATAFILE

USAF TAIL CODES (continued)

Tail Code	Unit	Location	Aircraft	Command	Tail Code	Unit	Location	Aircraft	Command
OS	51st FW	Osan AB, ROK	A/0A-10A, F-16C/D, C-12J	PACAF	TH	181st FW	Terre Haute IAP/Hulman Field, IN	F-16C/D	ANG
OT	53rd Wing/85th TES	Eglin AFB, FL	F-15A/B/C/D/E, F-16A/B/C/D	ACC	TX	301st FW	NAS JRB Fort Worth/	F-16C/D	AFRC
OT	53rd Wing/422nd TES	Nellis AFB, NV	A/0A-10A, F-15C/D/E, F-16C/D	ACC	TY	325th FW	Carswell Field, TX	F-15C/D, F/A-22A	AETC
PA	111th FW	NAS JRB Willow Grove, PA	A/0A-10A	ANG	VA	192nd FW	Tyndall AFB, FL	F-16C/D	ANG
RA	12th FTW	Randolph AFB, TX	T-1A, T-6A, T-37B, T-38C, CT/T-43A	AETC	VN	71st FW	Richmond IAP-Byrd Field, VA	T-1A, T-6A, T-37B, T-38C	AETC
RT	415th FTF	Randolph AFB, TX	T-37B, T-38A	AFMC	(VT)	158th FW	Burlington IAP, VT	F-16C	ANG
RS	86th AW	Ramstein AB, Germany	C-130E	USAFE	(WA)	66th RQS	Nellis AFB, NV	A/0A-10A, F-15C/D/E, F-16C/D, RQ-1/L, MQ-1L	ACC
SA	149th FW	Kelly AFB, TX	F-16C	ANG	WI	115th FW	Dane County RAP/	HH-60G	AFSOC
(SC)	169th FW	Columbia Metro. Airport/ McEntire ANGS, SC	F-16C	ANG	WM	509th BW	Truax Field, Madison, WI	F-16C	ANG
SI	183rd FW	Abraham Lincoln Capital Airport, Springfield, IL	F-16C	ANG	WP	8th FW	Whiteman AFB, MO	B-2A, T-38A	ACC
SJ	4th FW	Seymour Johnson AFB, NC	F-15E	ACC	WR	93rd ACW	Kunsan AB, ROK	F-16C/D	PACAF
SL	131st FW	Lambert-St Louis IAP, MO	F-15C/D	ANG	WW	35th FW	Robins AFB, GA	TE-8A, E-8C	ACC
SP	52nd FW	Spangdahlem AB, Germany	A/0A-10A, F-16C/D	USAFE	XL	47th FTW	Misawa AB, Japan	F-16C/D	PACAF
ST	82nd TRW	Sheppard AFB, TX	Misc training airframes	AETC	YJ	374th AW	Laughlin AFB, TX	T-1A, T-6A, T-38A	AETC
SW	20th FW	Shaw AFB, SC	F-16C/D	ACC	ZZ	18th Wing	Yokota AB, Japan	C-130E, UH-1N	PACAF
TD	53rd WEG/82nd ATRS	Tyndall AFB, FL	E-9A, QF-4E/G	ACC			Kadena AB, Okinawa, Japan	F-15C/D, E-3B/C, KC-135R, HH-60G	PACAF

(Codes in parentheses are assigned but not currently carried)

ABBREVIATIONS

AACS	Airborne Air Control Squadron	FLTS	Flight Test Squadron
AATC	ANG/AFRC Test Center	FS	Fighter Squadron
ABW	Air Base Wing	FW	Fighter Wing
ACC	Air Combat Command	FTG	Flying Training Group
ACCS	Airborne Command Control Squadron	FTS	Flying Training Squadron
ACW	Air Control Wing	(FTU)	Formal Training Unit
ADS	Air Demonstration Squadron	FTW	Flying Training Wing
AETC	Air Education and Training Command	HF	Helicopter Flight
AEG	Air Expeditionary Group	HQ USEUCOM	Headquarters US European Command
AEW	Air Expeditionary Wing	HS	Helicopter Squadron
AAF	Air Force Auxiliary Field	IAP	International Airport
AFFSA	Air Force Flight Standards Agency	JRB	Joint Reserve Base
AFFTC	Air Force Flight Test Center	MAP	Municipal Airport
AFMC	Air Force Materiel Command	MATS	Materiel Squadron
AFRC	Air Force Reserve Command	MXW	Maintenance Wing
AFSPC	Air Force Space Command	NAS	Naval Air Station
AG	Airlift Group	OG	Operations Group
AGRS	Aggressor Squadron	OL	Operating Location
AHP	Army Heliport	OS	Operations Squadron
ALF	Airlift Flight	(P)	Provisional
AMC	Air Mobility Command	PAG	Presidential Airlift Group
AMCAOS	Air Mobility Command Air Operations Squadron	PAS	Presidential Airlift Squadron
AMW	Air Mobility Wing	PFTI	Production Flight Test Installation
ANG	Air National Guard	RAF	Royal Air Force
ANGB	Air National Guard Base	RAP	Regional Airport
ANGS	Air National Guard Station	RQF	Rescue Flight
AP	Airport	RQG	Rescue Group
ARB	Air Reserve Base	RQS	Rescue Squadron
ARG	Air Refueling Group	RQW	Rescue Wing
ARS	Air Reserve Station/Air Refueling Squadron	RS	Reconnaissance Squadron
ARW	Air Refueling Wing	SOG	Special Operations Group
AS	Airlift Squadron	SOS	Special Operations Squadron
ASF	Air Station	SOW	Special Operations Wing
AT	Aviation Standards Flight	SPW	Space Wing
ATRS	Airmanship Trainer	STG	Special Tactics Group
AW	Aerial Targets Squadron	TACC	Tanker Airlift Control Center
AWC	Airlift Wing	TDY	Temporary Duty
BS	Air Warfare Center	TEG	Test & Evaluation Group
BW	Bomb Squadron	TES	Test & Evaluation Squadron
CAP	Bomb Wing	TESTS	Test Squadron
CRW	County Airport	TESTG	Test Group
CTF	Contingency Response Wing	TRG	Training Group
CTS	Combined Test Force	TRS	Training Squadron
Det.	Combat Training Squadron	TRW	Training Wing
DIA	Detachment	TW	Test Wing
DSCA	Defense Intelligence Agency	USAFA	United States Air Force
EARS	Defense Security Cooperation Agency	USAFA	United States Air Force Academy
EAS	Expeditionary Air Refueling Squadron	USAFAWS	USAF Weapons School
ECS	Expeditionary Airlift Squadron	USCENTCOM	US Central Command
EFS	Electronic Combat Squadron	USEUCOM	US European Command
EMTF	Expeditionary Fighter Squadron	USPACOM	US Pacific Command
EOS	Expeditionary Mobility Task Force	USSOUTHCOM	US Southern Command
ERQS	Expeditionary Operations Squadron	USSPACECOM	US Space Command
ERS	Expeditionary Rescue Squadron	USSTRATCOM	US Strategic Command
FG	Expeditionary Reconnaissance Squadron	WAP	World Airport
FLTF	Fighter Group	WEG	Weapons Evaluation Group
FLTG	Flight Test Flight	WRS	Weather Reconnaissance Squadron
	Flight Test Group	WPS	Weapons Squadron